551.483
Ur32wf
1973/74
pt. 1
vol. 1

1974

[redacted]

[redacted]

Water Resources Data for Florida

Part 1. Surface Water Records

Volume 1: Streams-Northern and Central Florida

THE LIBRARY OF THE

MAY 27 1975

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the State of Florida
and with other agencies

CALENDAR FOR WATER YEAR 1974

1973

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1974

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
325 JOHN KNOX ROAD
SUITE F-240
TALLAHASSEE, FLORIDA 32303

IN REPLY REFER TO

April 1, 1975

We are pleased to furnish you a copy of the surface-water records report for northern and central Florida for the 1974 water year. The report contains for 241 stations which were collected as part of hydrologic investigations, network operations, or data collected for water management purposes. The map on page three shows the boundaries of the river basins in Florida. This report contains the data collected in all these basins except basin 10B which is the Kissimmee River basin, Lake Okeechobee and the Everglades area. Companion reports of other water resources records for 1974, are identified on page II.

Please note that the river-mile location of each station has been determined in conformance with the procedure set forth by The Water Resources Council, Bulletin 14. This should prove helpful to you in determining the river-mile location of intervening points. Also, the latitude-longitude location is given for each station which will facilitate spotting of locations on quadrangle maps.

The daily discharge information is in computer storage and can be used with past data collected at these stations for various statistical summaries, correlations and frequency analyses.

The many agencies that cooperated in the collection and preparation of these records are on page 4.

Clyde S. Conover

Clyde S. Conover
District Chief

1974

Water Resources Data for Florida

Part 1. Surface Water Records

Volume 1: Streams-Northern and Central Florida

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the State of Florida
and with other agencies

Water resources data, 1974, for Florida are in the following reports of the U. S. Geological Survey:

1. Water Resources Data for Florida
   Part 1: Surface Water Records
   Volume 1: Streams - Northern and Central Florida

2. Water Resources Data for Florida
   Part 1: Surface Water Records
   Volume 2: Streams - Southern Florida, Lake Okeechobee and the Everglades

3. Water Resources Data for Florida
   Part 1: Surface Water Records
   Volume 3: Lakes

4. Water Resources Data for Florida
   Part 2: Water Quality Records

Copies of these reports may be obtained from
District Chief, Water Resources Division
U. S. Geological Survey
325 John Knox Road, Suite F-240
Tallahassee, Florida 32303

1975

CONTENTS

List of surface-water stations, in downstream order..... V
Introduction..... 1
River basins and coastal areas..... 2
Cooperation..... 4
Definition of terms..... 5
Special networks and programs..... 7
Downstream order and station numbers..... 7
Explanation of surface-water data..... 8
  Collection of surface-water data..... 8
  Accuracy of data..... 12
  Publications..... 12
  Other data available..... 13
Hydrologic conditions..... 14
Selected references..... 14
Division of work..... 15
Surface-water records..... 19
Discharge at partial-record stations and miscellaneous sites..... 313
  Crest-stage partial-record stations..... 313
  Discharge measurements at miscellaneous sites..... 322
  Annual maximum flood-profile data..... 327
Index..... 329

ILLUSTRATIONS

Figure 1. Boundaries of river basin and coastal areas..... 3

Figure 2. Location of gaging stations in St. Marys River basin and coastal area, Coastal area between St. Marys River and St. Johns River, St. Johns River basin, and Coastal area between St. Johns River and Turkey Creek..... 17

Figure 3. Location of gaging stations in Turkey Creek and coastal area south to St. Lucie River, Coastal area between Caloosahatchee River and Peace River, Peace River basin, Myakka River basin, Coastal area between Myakka and Alafia River, Alafia River basin, Hillsborough River basin and coastal area north of Alafia River, and Coastal area between Hillsborough River and Withlacoochee River..... 98

Figure 4. Location of gaging stations in Withlacoochee River basin, Coastal area between Withlacoochee River and Suwannee River, Suwannee River basin, and Coastal area between Suwannee River and Aucilla River..... 209

Figure 5. Location of gaging stations in Aucilla River basin, Coastal area between Aucilla River and Ochlockonee River, Ochlockonee River basin and coastal area, Coastal area between Ochlockonee River and Apalachicola River, Apalachicola River basin, and Coastal area between Apalachicola River and Choctawhatchee River..... 271

Figure 6. Location of gaging stations in Choctawhatchee River basin, Coastal area between Choctawhatchee River and Yellow River, Yellow River basin, Blackwater River basin and coastal area, Escambia River basin and coastal area, and Perdido River basin and coastal area..... 291

TABLES

Table 1. Factors for converting English units to International System (SI) units..... 16

Page

SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS
09C ST. MARYS RIVER BASIN COASTAL AREA
North Prong St. Marys River at Monica Ga..... 19
St. Marys River near Macclenny, Fla..... 20
St. Marys River near Gross, Fla..... 22
09D COASTAL AREA BETWEEN ST. MARYS RIVER AND ST. JOHNS RIVER
Nassau River:
Thomas Creek near Crawford, Fla..... 25
09E ST. JOHNS RIVER BASIN
St. Johns Headwaters near Vero Beach, Fla..... 26
St. Johns Headwaters near Kennansville, Fla..... 27
St. Johns River:
Bull Creek:
Crabgrass Creek near Holopaw, Fla..... 28
Jane Green Creek near Deer Park, Fla..... 29
St. Johns River near Melbourne, Fla..... 30
Wolf Creek near Deer Park, Fla..... 32
St. Johns River near Cocoa, Fla..... 33
St. Johns River near Christmas, Fla..... 34
Econlockhatchee River at Magnolia Ranch near Bithlo, Fla..... 36
Little Econlockhatchee River near Union Park, Fla..... 37
Econlockhatchee River near Chuluota, Fla..... 38
St. Johns River above Lake Harney, near Geneva, Fla..... 39
Lake Jessup:
Howell Creek near Slavia, Fla..... 40
Howell Creek at State Highway 419 near Oviedo, Fla..... 41
Soldier Creek near Longwood, Fla..... 42
Gee Creek near Longwood, Fla..... 43
Wekiva Springs (head of Wekiva River) near Apopka, Fla..... 44
Rock Springs near Apopka, Fla..... 44
Miami Springs near Longwood, Fla..... 44
Lake Wekiva Outlet near Maitland, Fla..... 45
Wekiva River:
Little Wekiva River near Altamonte Springs, Fla..... 46
Sanlando Springs near Longwood, Fla..... 47
Palm Springs near Longwood, Fla..... 47
Starbuck Spring near Longwood, Fla..... 47
Wekiva River near Sanford, Fla..... 48
Blue Springs near Orange City, Fla..... 49
St. Johns River near Deland, Fla..... 50
Lake Dexter (continuation of St. Johns River):
Lake Woodruff (head of Tick Island Creek):
Spring Garden Lake (head of Spring Garden Creek):
Ponce de Leon Springs near DeLand, Fla..... 52
Lake Lowery (head of Oklawaha River):
Big Creek near Clermont, Fla..... 53
Palatlakaha River (continuation of Big Creek) at Cherry
Lake Outlet, near Groveland, Fla..... 54

Page

St. Johns River basin--Continued
St. Johns River--Continued
Palatlakaha River below spillway at Cherry Lake Outlet near Groveland, Fla..... 55
Palatlakaha River near Mascotte, Fla..... 56
Palatlakaha River below spillway near Mascotte, Fla..... 57
Palatlakaha River at structure M-1, near Okahumpka, Fla..... 58
Apopka-Beauclair Canal (head of Dora Canal) near Astatula, Fla..... 60
Apopka-Beauclair Canal below dam near Astatula, Fla..... 62
Dora Canal at Tavares, Fla..... 63
Haines Creek (continuation of Palatlakaha River through Dead River) at Lisbon, Fla..... 64
Haines Creek below Burrell Dam at Lisbon, Fla..... 66
Oklawaha River above Moss Bluff Dam, at Moss Bluff, Fla..... 67
Oklawaha River at Moss Bluff, Fla..... 68
Silver Springs (head of Silver River) near Ocala, Fla..... 70
Oklawaha River near Conner, Fla..... 72
Oklawaha River:
Camps Canal (connection of Prairie Creek to River Styx):
Paynes Prairie:
Hogtown Creek near Arrendondo, Fla..... 73
Haile Sink near Arredondo, Fla..... 74
Orange Creek at Orange Springs, Fla..... 75
Oklawaha River at Rodman Dam, near Orange Springs, Fla..... 76
St. Johns River below Oklawaha River:
Cross-Florida Barge Canal at St. Johns Lock, near Palatka, Fla..... 78
Crescent Lake (head of Dunns Creek):
Haw Creek:
Little Haw Creek near Seville, Fla..... 79
St. Johns River near Palatka, Fla..... 80
Rice Creek near Springside, Fla..... 83
Etonia Creek at Bardin, Fla..... 84
Sims Creek near Bardin, Fla..... 85
South Fork Black Creek (head of Black Creek) near Penney Farms, Fla..... 86
North Fork Black Creek near Middleburg, Fla..... 87
Julington Creek:
Big Davis Creek at Bayard, Fla..... 88
Ortega River near Jacksonville, Fla..... 89
St. Johns River at Jacksonville, Fla..... 90
Pablo Creek (merges with Intracoastal Waterway) at Jacksonville..... 93
Cedar Swamp Creek at Jacksonville, Fla..... 94
09F COASTAL AREA BETWEEN ST. JOHNS RIVER AND TURKEY CREEK
Moultrie Creek at State Highway 207 near St. Augustine, Fla..... 95
Tomoka River near Holly Hill, Fla..... 96
Spruce Creek near Samsula, Fla..... 97

Page

10A TURKEY CREEK AND COASTAL AREA SOUTH TO ST. LUCIE RIVER
Indian River at Wabasso, Fla..... 99
North Canal near Vero Beach, Fla..... 101
Main Canal at Vero Beach, Fla..... 102
South Canal near Vero Beach, Fla..... 103
Intracoastal Waterway at Stuart, Fla..... 104
10C COASTAL AREA BETWEEN CALOOSHATCHEE RIVER AND PEACE RIVER
Sanibel River at Sanibel, Fla..... 108
10D PEACE RIVER BASIN
Peace Creek drainage canal (head of Peace River)
near Alturas, Fla..... 109
Peace River:
Saddle Creek at structure P-11, near Bartow, Fla..... 110
Peace River at Bartow, Fla..... 111
Peace River at Fort Meade, Fla..... 113
Peace River at Zolfo Springs, Fla..... 115
Charlie Creek:
Little Charlie Bowlegs Creek near Crewsville, Fla..... 117
Little Charlie Bowlegs Creek at South Fence Line Road
near Sebring, Fla..... 118
Little Charlie Bowlegs Creek at Cottage Road,
near Sebring, Fla..... 119
Little Charlie Bowlegs Creek above control near Sebring, Fla..... 120
Little Charlie Bowlegs Creek near Sebring, Fla..... 121
Charlie Creek near Gardner, Fla..... 123
Peace River at Arcadia, Fla..... 124
Joshua Creek at Nocatee, Fla..... 126
Horse Creek near Arcadia, Fla..... 127
Shell Creek:
Mossy Gully, which becomes Tiger Bay Slough, which becomes
Prairie Creek:
Mossy Gully tributary at State Highway 70, near Arcadia, Fla.... 128
Cow Slough near Arcadia, Fla..... 129
Prairie Creek near Fort Ogden, Fla..... 130
Shell Creek near Punta Gorda, Fla..... 131
10E MYAKKA RIVER BASIN
Myakka River near Sarasota, Fla..... 132
10F COASTAL AREA BETWEEN MYAKKA RIVER AND ALAFIA RIVER
Manatee River near Myakka Head, Fla..... 133
Little Manatee River near Fort Lonesome, Fla..... 134
Little Manatee River near Wimauma, Fla..... 135

Page

10G ALAFIA RIVER BASIN
North Prong Alafia River at Keysville, Fla..... 136
South Prong Alafia River near Lithia, Fla..... 137
Alafia River:
Little Alafia River near Hopewell, Fla..... 138
Little Alafia River at Turkey Creek Road, at Pleasant Grove, Fla... 139
Alafia River at Lithia, Fla..... 140
Lithia Springs near Lithia, Fla..... 141
10H HILLSBOROUGH RIVER BASIN AND COASTAL AREA NORTH OF ALAFIA RIVER
Sixmile Creek (head of Palm River) at Tampa, Fla..... 142
Sixmile Creek at S-160, at Tampa, Fla..... 143
Hillsborough River near Richland, Fla..... 144
Fox Branch near Socrum, Fla..... 145
Hillsborough River above Crystal Springs, near Zephyrhills, Fla.... 146
Crystal Springs near Zephyrhills, Fla..... 147
Big Ditch near Crystal Springs, Fla..... 147
Blackwater Creek near Knights, Fla..... 148
Hillsborough River near Zephyrhills, Fla..... 150
New River near Zephyrhills, Fla..... 152
Baker Creek near Thonotasassa, Fla..... 154
Flint Creek near Thonotosassa, Fla..... 155
Flint Creek at State Highway 582, near Thonotasassa, Fla..... 156
Hillsborough River at Morris Bridge near Thonotasassa, Fla..... 157
Trout Creek:
Trout Creek Tributary near Worthington Gardens, Fla..... 159
Trout Creek near Sulphur Springs, Fla..... 160
Cypress Creek near San Antonio, Fla..... 161
Cypress Creek at Worthington Gardens, Fla..... 163
Cypress Creek near Sulphur Springs, Fla..... 165
Cow House Creek near Temple Terrace, Fla..... 166
Hillsborough River at Fowler Avenue, near Tampa, Fla..... 167
Hillsborough River near Tampa, Fla..... 168
Sulphur Springs at Sulphur Springs, Fla..... 169
10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER
Old Tampa Bay at Rocky Point, at Tampa, Fla..... 171
Lake Magdalene Outlet near Lutz, Fla..... 173
Sweetwater Creek near Sulphur Springs, Fla..... 174
Sweetwater Creek near Tampa, Fla..... 175
Rocky Creek near Sulphur Springs, Fla..... 176
Lake Tarpon:
Brooker Creek (Lake Tarpon Headwaters) near Lake Fern, Fla..... 177
Brooker Creek near Tarpon Springs, Fla..... 178

Coastal area between Hillsborough River and Withlacoochee River--Continued
Lake Tarpon--Continued
Lake Tarpon Sink near Tarpon Springs, Fla..... 179
Alligator Creek at Safety Harbor, Fla..... 181
Innisbrook Canal near Crystal Beach, Fla..... 182
Anclote River:
South Branch Anclote River near Odessa, Fla..... 183
Anclote River near Elfers, Fla..... 184
Salt Lake:
Hollin Creek:
Hollin Creek tributary near Tarpon, Springs, Fla..... 185
Anclote River near Tarpon Springs, Fla..... 186
Spring Bayou at Tarpon Springs, Fla..... 188
Crews Lake (head of Pithlachascotee River):
Peck Sink drain near Brooksville, Fla..... 190
Sparkman Lake Outlet near Masaryktown, Fla..... 190
Masaryktown Canal at U.S. 41, near Masaryktown, Fla..... 191
Jumping Gully at Loyce, Fla..... 192
Pithlachascotee River near Fivay Junction, Fla..... 193
Pithlachascotee River near New Port Richey, Fla..... 194
Pithlachascotee River at Port Richey, Fla..... 195
Lighter Bayou:
Bear Creek at Plaza Drive near Hudson, Fla..... 197
Bear Creek below Bear Sink near Hudson, Fla..... 198
Weekiwachee Springs (head of Weekiwachee River) near Brooksville, Fla..... 199
Gulf of Mexico near Bayport, Fla..... 200
Chassahowitzka River near Homosassa, Fla..... 202
Homosassa Springs at Homosassa Springs, Fla..... 204
Southeast Fork Homosassa Springs at Homosassa Springs, Fla..... 204
Homosassa River at Homosassa, Fla..... 205
Crystal River near Crystal River, Fla..... 207
09G WITHLACOOCHEE RIVER BASIN
Withlacoochee River near Eva, Fla..... 210
Withlacoochee River near Cumpressco, Fla..... 211
Withlacoochee-Hillsborough overflow (diversion to Hillsborough River basin) near Richland, Fla..... 212
Withlacoochee River near Dade City, Fla..... 214
Withlacoochee River at Trilby, Fla..... 215

Page

Withlacoochee River basin--Continued
Withlacoochee River--Continued
Little Withlacoochee River:
Bayroot Slough:
Bayroot Slough Headwaters near Bay Lake, Fla..... 217
Little Withlacoochee River near Tarrytown, Fla..... 218
Big Gant Canal at Structure S-11 near Webster, Fla..... 219
Big Gant Canal at Structure WC-2, at Rerdell, Fla..... 220
Big Gant Canal below Structure WC-2 at Rerdell, Fla..... 221
Little Withlacoochee River at Rerdell, Fla..... 222
Withlacoochee River at Croom, Fla..... 223
Withlacoochee River near Floral City, Fla..... 225
Jumper Creek Canal (head of Jumper Creek) near Bushnell, Fla..... 226
Outlet River at Panacoochee Retreats, Fla..... 227
Withlacoochee River above Wysong Dam, at Carlson, Fla..... 228
Withlacoochee River at Wysong Dam, at Carlson, Fla..... 229
Tsala Apopka outfall canal at S-353 near Hernando, Fla..... 231
Tsala Apopka outfall canal below S-353 near Hernando, Fla..... 233
Withlacoochee River near Holder, Fla..... 234
Rainbow Springs (head of Blue Run) near Dunnellon, Fla..... 236
Withlacoochee River at Dunnellon, Fla..... 237
Withlacoochee River at Inglis Dam, near Dunnellon, Fla..... 238
Withlacoochee River below Inglis Dam, near Dunnellon, Fla..... 239
Cross-Florida Barge Canal at Inglis Lock, near Inglis, Fla..... 240
Withlacoochee River Bypass Channel, near Inglis, Fla..... 241
Withlacoochee River Bypass Channel below structure, near Inglis, Fla..... 243
Withlacoochee River at Crackertown, Fla..... 244

09 H COASTAL AREA BETWEEN WITHLACOOCHEE RIVER AND SUWANNEE RIVER

Waccasassa River:
Little Waccasassa River near Bronson, Fla..... 246
Blue Spring near Bronson, Fla..... 246
Wekiva Springs near Bulf Hammock, Fla..... 246
Waccasassa River near Gulf Hammock, Fla..... 247
Cow Creek:
Tenmile Creek at Lebanon Station, Fla..... 250

09J SUWANNEE RIVER BASIN

Suwannee River:
Rocky Creek near Belmont, Fla..... 251
Hunter Creek near Belmont, Fla..... 251
Suwannee River at White Springs, Fla..... 252
Swift Creek at Facil, Fla..... 253

Page

Suwannee River basin--Continued
Suwannee River at Suwannee Springs, Fla..... 254
Withlacoochee River near Pinetta, Fla..... 255
Suwannee River at Ellaville, Fla..... 257
Suwannee River at Branford, Fla..... 259
Santa Fe River near Graham, Fla..... 261
Santa Fe River at Worthington Springs, Fla..... 262
Santa Fe River near Fort White, Fla..... 263
Ichatucknee Springs (head of Ichatucknee River) near Hildreth, Fla..... 264
Suwannee River near Wilcox, Fla..... 265
09K COASTAL AREA BETWEEN SUWANNEE RIVER AND AUCILLA RIVER
Steinhatchee River near Cross City, Fla..... 267
Fenholloway River near Foley, Fla..... 268
Fenholloway River at Foley, Fla..... 269
Econfina River near Perry, Fla..... 270
11A AUCILLA RIVER BASIN
Aucilla River at Lamont, Fla..... 272
Wacissa River near Wacissa, Fla..... 273
11B COASTAL AREA BETWEEN AUCILLA RIVER AND OCHLOCKONEE RIVER
St. Marks River near Newport, Fla..... 274
Wakulla Spring (head of Wakulla River) near Crawfordville, Fla..... 275
11C OCHLOCKONEE RIVER BASIN AND COASTAL AREA
Sopchoppy River near Sopchoppy, Fla..... 276
Ochlockonee River near Havana, Fla..... 278
Lake Jackson:
Ox Bottom Creek near Tallahassee, Fla..... 279
Fords Arm Tributary at Tallahassee, Fla..... 279
Megginnis Arm Tributary above U.S. Highway I-10, at Tallahassee, Fla..... 279
Megginnis Arm Tributary below U.S. Highway I-10, at Tallahassee, Fla..... 279
Little River near Quincy, Fla..... 280
Rocky Comfort Creek near Quincy, Fla..... 281
Ochlockonee River near Bloxham, Fla..... 282
11D COASTAL AREA BETWEEN OCHLOCKONEE RIVER AND APALACHICOLA RIVER
Carrabelle River:
New River near Wilma, Fla..... 283
11E APALACHICOLA RIVER BASIN
Apalachicola River at Chattahoochee, Fla..... 284
Apalachicola River near Blountstown, Fla..... 286
Chipola River near Altha, Fla..... 288

Page

11F COASTAL AREA BETWEEN APALACHICOLA RIVER AND CHOCTAWHATCHEE RIVER
Econfina Creek near Fountain, Fla..... 289
Econfina Creek near Bennett, Fla..... 290
12A CHOCTAWHATCHEE RIVER BASIN
Choctawhatchee River at Caryville, Fla..... 292
Holmes Creek at Vernon, Fla..... 294
Choctawhatchee River near Bruce, Fla..... 295
12B COASTAL AREA BETWEEN CHOCTAWHATCHEE RIVER AND YELLOW RIVER
Lafayette Creek:
Magnolia Creek near Freeport, Fla..... 297
Alaqua Creek near DeFuniak Springs, Fla..... 298
Rocky Creek:
Juniper Creek at State Highway 85 near Niceville, Fla..... 299
12C YELLOW RIVER BASIN
Yellow River at Milligan, Fla..... 300
Baggett Creek near Milligan, Fla..... 301
Shoal River near Mossy Head, Fla..... 302
Shoal River near Crestview, Fla..... 303
12D BLACKWATER RIVER BASIN AND COASTAL AREA
Blackwater River near Baker, Fla..... 304
Big Coldwater Creek near Milton, Fla..... 305
Pond Creek near Milton, Fla..... 306
12E ESCAMBIA RIVER BASIN AND COASTAL AREA
Escambia River near Century, Fla..... 307
Pine Barren Creek near Barth, Fla..... 309
12F PERDIDO RIVER BASIN AND COASTAL AREA
Perdido River:
Brushy Creek near Walnut Hill, Fla..... 310
Perdido River at Barrineau Park, Fla..... 311

WATER RESOURCES DATA FOR FLORIDA, 1974

PART 1: SURFACE WATER RECORDS
VOLUME 1: STREAMS - NORTHERN AND CENTRAL FLORIDA

INTRODUCTION

The surface-water records for the 1974 water year for gaging stations, partial-record stations, and miscellaneous sites within the northern and central regions of the State of Florida including North Prong St. Marys River at Moniac, Georgia are given in this report.

The records were collected and computed by the Water Resources Division of the U. S. Geological Survey, as part of the hydrologic investigations and network program, under the direction of C. S. Conover, District Chief. These data represent that portion of the National Water Data System collected by the U. S. Geological Survey and cooperating State and Federal agencies in Florida.

Beginning with the 1961 water year, streamflow records and related data have been released by the Geological Survey in annual reports on a State-boundary basis. These reports are for limited distribution and are designed primarily for rapid release of data shortly after the end of the water year.

Records of discharge and stage of streams, and contents and stage of lakes and reservoirs are published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and since then are in a 5-year series. More information is given under the headings "Publications" on page

The boundaries of the different river basins and coastal areas in Florida are shown on figure 1 on page 3.

RIVER BASINS AND COASTAL AREAS

Number	Designation
09C	St. Marys River basin and coastal area
09D	Coastal area between St. Marys River and St. Johns River
09E	St. Johns River basin
09F	Coastal area between St. Johns River and Turkey Creek
09G	Withlacoochee River basin
09H	Coastal area between Withlacoochee River and Suwannee River
09J	Suwannee River basin
09K	Coastal area between Suwannee River and Aucilla River
10A	Turkey Creek and coastal area south to St. Lucie River
10B	Lake Okeechobee and the Everglades area
10C	Coastal area between Caloosahatchee River and Peace River
10D	Peace River basin
10E	Myakka River basin
10F	Coastal area between Myakka River and Alafia River
10G	Alafia River basin
10H	Hillsborough River basin and coastal area north of Alafia River
10J	Coastal area between Hillsborough River and Withlacoochee River
11A	Aucilla River basin
11B	Coastal area between Aucilla River and Ochlockonee River
11C	Ochlockonee River basin and coastal area
11D	Coastal area between Ochlockonee River and Apalachicola River
11E	Apalachicola River basin
11F	Coastal area between Apalachicola River and Choctawhatchee River
12A	Choctawhatchee River basin
12B	Coastal area between Choctawhatchee River and Yellow River
12C	Yellow River basin
12D	Blackwater River basin and coastal area
12E	Escambia River basin and coastal area
12F	Perdido River basin and coastal area

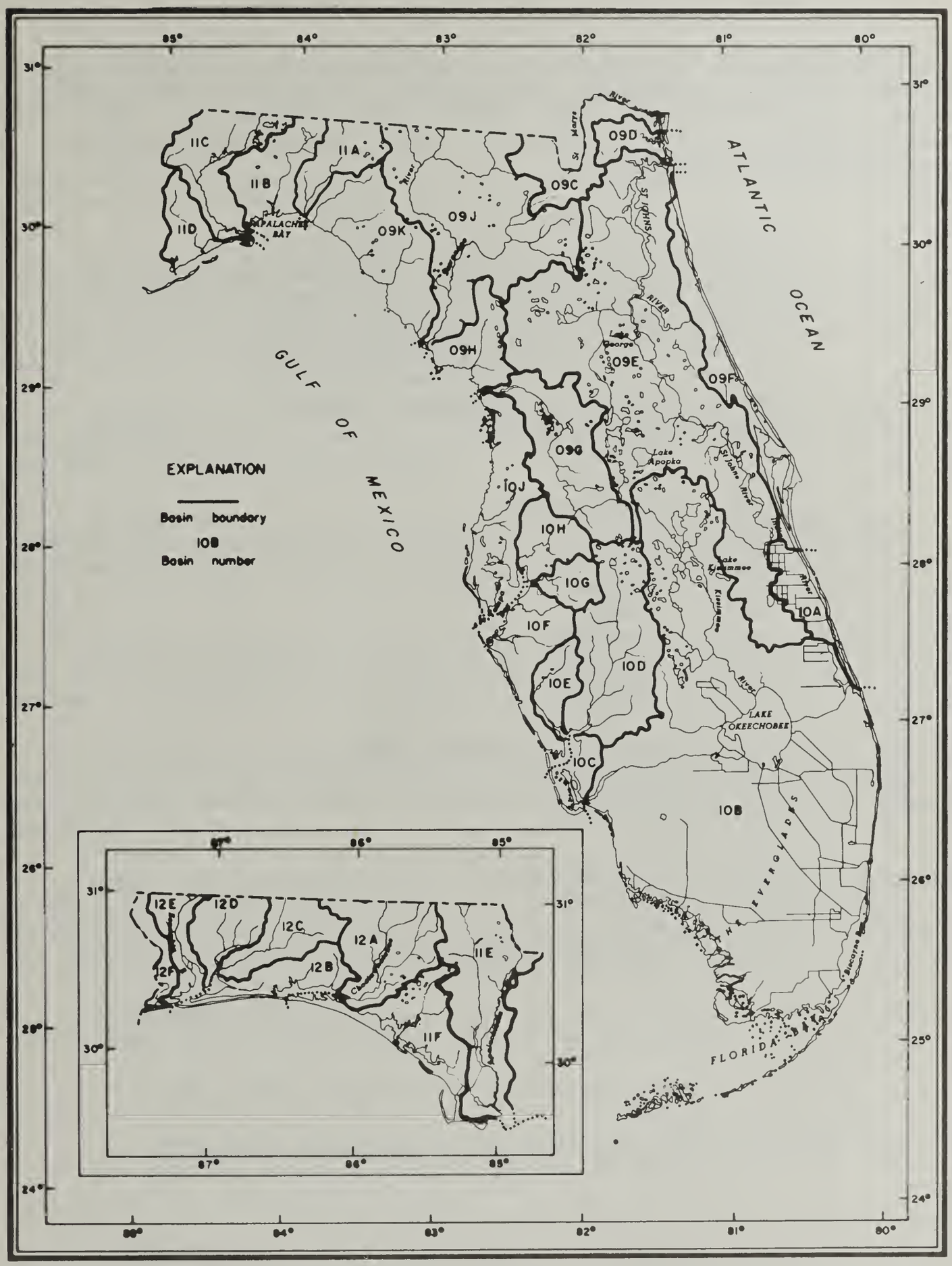

Figure 1. Boundaries of river basin and coastal areas

COOPERATION

The systematic collection of streamflow records in the State of Florida by the U.S. Geological Survey began in 1930 and has been continued in cooperation with state, federal and local agencies. The data for this report were collected as part of a cooperative program with the following agencies:

Florida Department of Transportation
Florida Division of Interior Resources
Florida Game and Fresh Water Fish Commission
Central and Southern Florida Flood Control District
Northwest Florida Water Management District
Southwest Florida Water Management District
St. Johns River Water Management District
Suwannee River Water Management District
Suwannee River Authority
County of Brevard
County of Escambia
County of Hillsborough
County of Lake
County of Manatee
County of Marion
County of Orange
County of Pinellas
County of Sarasota
County of Seminole
County of Volusia
Consolidated City of Jacksonville
City of Clearwater
City of Gainesville
City of Pensacola
City of Perry
City of St. Petersburg
City of Tallahassee
City of Tampa
Corps of Engineers, U.S. Army
U.S. Air Force

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also table for converting English units to International System of units (SI) on page 16.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1233 cubic metres.

Cfs-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.9835 acre-feet, or approximately 646,000 gallons or 2445 cubic metres. It represents a runoff of approximately 0.0372 inch from 1 square mile or 0.3468 millimetre from 1 square kilometre.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (CFS, cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second, and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic metres per second.

Discharge is the volume of water (or more broadly, total fluids), that passes a given point within a given period of time.

Daily mean discharge is the mean discharge for one day.

Mean daily discharge is the arithmetic mean discharge for the same day during a specific period of years.

Mean discharge is the arithmetic mean of individual daily mean discharges during a specific period.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height or discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Partial-record station is a particular site where limited streamflow data are collected systematically over a period of years for use in hydrologic analyses.

Runoff in inches (IN, in) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Stage-discharge relation is the relation between gage height and the volume of water per unit of time, flowing in a channel.

WRD is used as an abbreviation for "Water-Resources Data" in the summary REVISIONS paragraph to refer to previously published state annual basic-data reports.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from man-made changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

DOWNSTREAM ORDER AND STATION NUMBERS

Stations are listed in a downstream direction along the main stream, and stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner. In the list of gaging stations in the front of this report the rank of tributaries is indicated by indention, each indention representing one rank.

As an added means of identification, each gaging station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and continuous-record gaging stations; therefore, the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Gaps are left in the numbers to allow for new stations that may be established; hence the numbers are not consecutive. The complete 8-digit number for each station, such as 02335500, includes the part number "02" and a 6-digit station number. In this report the complete number 02335500 appears just to the left of the station name and the records are listed in downstream order. All records for a drainage basin encompassing more than one State could be arranged in downstream order by assembling pages from the various State reports by station number to include all records in the basin.

EXPLANATION OF SURFACE-WATER DATA

Collection and Computation of Data

The base data collected at gaging stations consist of records of stage and of discharge of streams or canals. In addition, observations of factors affecting the stage-discharge relation, weather records, and other information are used to supplement base data in determining the daily flow. Records of stage are obtained from direct reachings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at 15-, 30-, or 60-minute intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey on the basis of experience in stream gaging since 1888. These methods are described in standard textbooks, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), velocity-area studies, and logarithmic plottin . The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

At some stream-gaging stations there is no relation between stage and discharge because of the flat stream gradients and/or tidal fluctuations. Discharge is determined from ratings which are based on the relation between recorded deflection (velocity index unit) at a fixed measuring section, and the relation between recorded stage and cross-sectional area at the measuring sections.

For some gaging stations there are periods when the gage-height record is missing or the recorded gage height is so faulty that it cannot be used to compute daily discharge. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, discharge measurements, weather records, and comparison with other station records from the same or nearby basins.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30. A calendar for the current water year is shown on the reverse side of the front cover to facilitate finding the day of the week for any date.

The description of the gaging stations gives the location, drainage area, period of record, type and history of gages, average discharge, extremes of discharge or contents, general remarks, and notations of revisions of previously published records. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined according to procedures set forth by the Water Resources Council, Bulletin 14. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD." The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey unless otherwise qualified. The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE;" it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance.

The maximum discharge and the maximum gage height, the minimum discharge if there is little or no regulation and the minimum gage height if it is significant are given under "EXTREMES." The minimum daily discharge is given if there is extensive regulation (also the minimum discharge and gage height if they are abnormally low). In the first paragraph headed "Current year," the data given are for the complete current water year unless otherwise specified. In the second paragraph under "Period of record:" the data given are for the period of record given in PERIOD OF RECORD paragraph. Reliable information concerning major floods that occurred outside the period of record is given in the third or last paragraph under "EXTREMES." Unless otherwise qualified, the maximum discharge corresponds to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur at the same time as the maximum discharge it is given separately. Information pertaining to the accuracy of the discharge records, to conditions that affect the natural flow at the gaging station, and availability of Water Quality records, is given under "REMARKS."

Previously published records of some stations have been found to be in error on the basis of data or information obtained later. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISIONS (WATER YEARS)" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water year's for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly,, or annual figures of discharge were revised, that fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting form a revision of the drainage area only are usually not published in the annual series of reports.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, for the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, or if the drainage area includes large noncontributing areas.

In the yearly summary below the monthly summary, the figures following "MAX" are the maximum daily discharges for the calendar and water years; likewise, those following "MIN" are the minimum daily discharges.

Footnotes to the table are used to indicate periods for which the discharge is computed or estimated by special methods because of missing gage-height record, backwater from various sources, or other special conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-discharge relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

Peak discharges and their times of occurrence and corresponding gage heights for many stations are listed below the yearly summary. All independent peaks above the selected base are given. The base discharge, which is given in parenthesis, is selected so that an average of about three peaks a year can be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subjected to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330.

Data collected at partial-record stations and miscellaneous sites are given in two tables at the end of the surface-water records . The first lists annual maximum stage and ischarge at crest-stage stations, and the second lists discharge measurements at miscellaneous sites.

Accuracy of Data

The accuracy of discharge data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretation of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges is within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 signigicant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase of decrease in evaporation due to artificial causes or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Publications

In each water-supply paper entitled, "Surface Water Supply of the United States" there is a list of numbers of preceding water-supply papers containing streamflow information for the area covered by that report. In addition, there is a list of numbers of water-supply papers containing detailed information on major floods in the area. Records for stations in Florida for the period October 1960 to September 1965 are in Water-Supply Papers 1905 and 1906.

Two series of summary reports entitled, "Compilation of Records of Surface Waters of the United States" have been published; the first series covers the entire period of record through September 1950 and the second series covers the period October 1950 to September 1960. These reports contain summaries of monthly and annual discharge and monthend storage for all previously published records, as well as some records not contained in the annual series of water-supply papers. All records were reexamined and revised where warranted. Estimates of discharge were made to fill short gaps whenever practical. The yearly summary table for each gaging station lists the numbers of the water-supply papers in which daily records were published for that station. Records for stations in Florida are compiled in Water-Supply Paper 1304 through September 1950, and in 1724 for October 1950 to September 1960.

Special reports on major floods or droughts or of other hydrologic studies for the area have been issued in publications other than water-supply papers. Information relative to these reports may be obtained from the district office.

Other data available

Information of a more detailed nature than that published for most of the gaging stations, such as discharge measurements, gage-height records, and rating tables, is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

At or near most gaging stations for which data are published in this report, water-quality records also are available. Data are obtained on the chemical quality of the stream water, on water temperature, on suspended-sediment concentration, and on the particle-size distribution of suspended sediment and bed material. These data are given in Part 2: Water Quality reports. Under the REMARKS paragraph of the gaging-station description, reference is made to water-quality records collected on a regular repetitive basis.

HYDROLOGIC CONDITIONS

Streamflow for the year in the northwest portion of the State ranged from 65 percent of normal in the Aucilla River basin to near normal in other basins in the area. Streamflow was 150 percent less than last year in the Ochlockonee and Apalachicola River basins and 50 percent less, in the Escambia River basin.

Rainfall in the north part of the state averaged about 1.5 inches below normal. About one-third of the total precipitation for the year occurred during June and July. Streamflow in the St. Mary River basin was about 5 percent above normal and about 50 percent of 1973. The Suwannee River discharge was about 90 percent of normal and about 60 percent of the previous year. In September it was in the upper 25 percent of record. Flow in the Santa Fe River was normal and about 65 percent of 1973.

Rainfall in the central part was about one inch below normal. About 40 percent of the rainfall during June and July. The flow of Silver Springs was about 5 percent below normal and about 5 percent greater than 1973. Streamflow in the Suwannee River basin was in the lower 25 percent of record in February, March, and April and in the upper 25 percent in July, August, and September. The mean flow was about 140 percent of normal and about 180 percent of the previous year. The flow of the Withlacoochee River was about 90 percent of normal and about 40 percent greater than 1973.

SELECTED REFERENCES

Buchanan, T. J., and Somers, W. P., Stage measurements at gaging stations, USGS - TWRI Book 3, Chapter A7, 1968, 28 p.

Buchanan, T. J., and Somers, W. P., Discharge measurements at gaging stations, USGS - TWRI Book 3, Chapter A8, 1969 65 p.

Carter, R. W., and Davidian, Jacob, 1968, General procedure for gaging streams: U.S. Geol. Survey Techniques Water-Resources Inv., book 3, chap. A6, 13 p.

Langbein, W. B., and Iseri, K.T. 1960, General introduction and hydrologic definitions: U.S. Geol. Survey Water-Supply Paper 1541-A, 29 p.

DIVISION OF WORK

The water resources data in this report were collected, computed, and prepared for publication by Florida District personnel as follows:

District Office

Ray E. Cunningham
Debbie S. Nutt
James D. Simmons
Judith K. Smith

Tallahassee Subdistrict Office

Carl F. Essig
James D. Goin
Renee R. Herring
Jonathan B. Martin
Richard S. Milner
Roger P. Rumenick
Jeffry R. Wagner

Tampa Subdistrict Office

Otis Campbell, Jr.
Kenneth W. Causseaux
Arthur C. Chesnut
Virginia T. Coston
Ronald D. Evaldi
William L. Fletcher
Susan L. Lane
Stephen R. Lienhart
Phillip Lopez
Charles E. Martin
Luther R.E. Mills
Raymond A. Mularoni
Junior K. Ogle
Bobby D. Ramsey
Donald J. Rich
Harry C. Rollins
Lawrence D. Windom
William M. Woodham
Robert W. Wylie

Winter Park Subdistrict Office

Robert A. Bird
William R. Hopkins
Christine C. Hunter
Howard G. George
Phillip W. Potter
Adolph Summerlin

Ocala Field Headquarters

Leslie L. Batts
Arthur L. Bonnet
Carl J. Cash, Jr.
Raymond S. Charnley
Donald W. Foose
Richard E. Hedges
Deanne M. Hughes
Floyd E. Supianoski
Richard A. Orr

Table 1.--Factors for converting English units to International System (SI) units.

The following factors may be used to convert the English units published herein to the International System of Units (SI). Subsequent reports will contain both the English and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply English units	By	To obtain SI units
	Length	
inches (in)	25.4	millimeters (mm)
	.0254	meters (m)
feet (ft)	.3048	meters (m)
yards (yd)	.9144	meters (m)
rods	5.0292	meters (m)
miles (mi)	1.609	kilometers (km)
	Area	
acres	4047	square meters (m^2)
	.4047	*hectares (ha)
	.4047	square hectometer (hm^2)
	.004047	square kilometers (km^2)
square miles (mi^2)	2.590	square kilometers (km^2)
	Volume	
gallons (gal)	3.785	**liters (l)
	3.785	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons (10^6 gal)	3785	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	28.32	cubic decimeters (dm^3)
	.02832	cubic meters (m^3)
cfs-day (ft^3/s-day)	2447	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1233	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	28.32	liters per second (l/s)
	28.32	cubic decimeters per second (dm^3/s)
	.02832	cubic meters per second (m^3/s)
gallons per minute (gpm)	.06309	liters per second (l/s)
	.06309	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day (mgd)	43.81	cubic decimeters per second (dm^3/s)
	.04381	cubic meters per second (m^3/s)
	Mass	
ton (short)	.9072	tonne (t)

*The unit hectare is approved for use with the International System (SI) for a limited time. See NBS Special Bulletin 330, p.15, 1972 edition.

**The unit liter is accepted for use with the International System (SI). See NBS Special Bulletin 330, p. 13, 1972 edition.

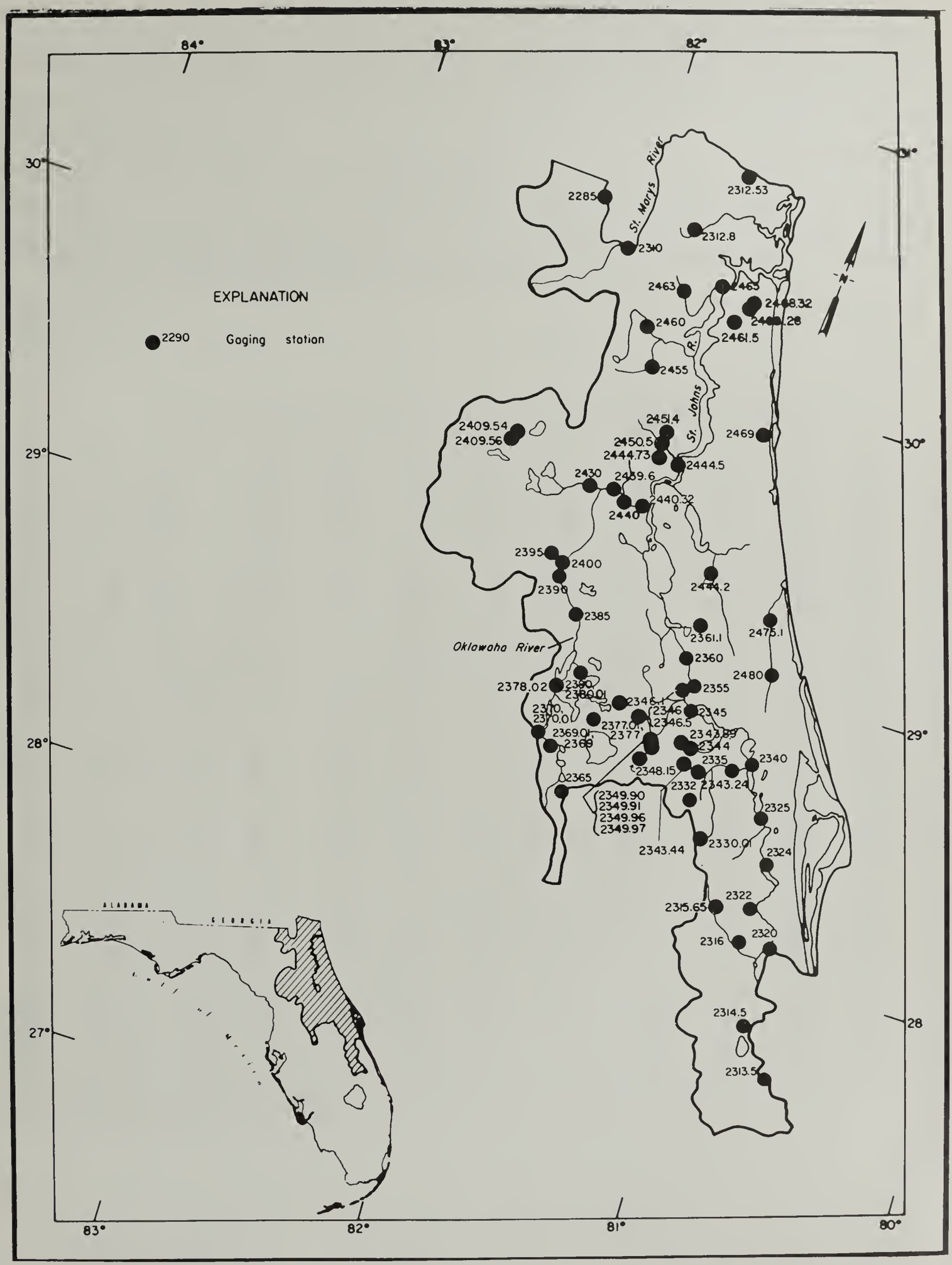

Figure 2. Location of gaging stations in St. Marys River basin and coastal area, Coastal area between St. Marys River and St. Johns River, St. Johns River basin, and Coastal area between St. Johns River and Turkey Creek.

09C ST. MARYS RIVER BASIN AND COASTAL AREA

02228500 North Prong St. Marys River at Moniac, Ga.

LOCATION.--Lat 30°31'03", long 82°13'50", in NW quarter sec.8, T.1 N., R.21 E., Baker County, Fla., near right bank at upstream side of bridge on State Highways 2 and 94, 0.2 mi (0.3 km) upstream from Georgia Southern & Florida Railway bridge, 0.4 mi (0.6 km) west of Moniac, 1.0 mi (1.6 km) downstream from Moccasin Creek, and 122 mi (196 km) upstream from mouth of St. Marys River.

DRAINAGE AREA.--160 sq mi (410 sq km), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--January 1921 to December 1923 (published as St. Marys River at Moniac), January 1927 to June 1930, July 1932 to June 1934, October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 89.40 ft (27.249 m) above mean sea level. January 1921 to June 1934, nonrecording gage at site 800 ft (240 m) downstream at datum 3.22 ft (0.981 m) higher.

AVERAGE DISCHARGE.--29 years (1921-23, 1927-29, 1932-33, 1950-74), 162 cfs (4.588 cu m/s), 13.75 in/yr (349 mm/yr).

EXTREMES.--Current year: Maximum discharge, 984 cfs (27.9 cu m/s) Sept. 9 (gage height, 11.78 ft or 3.591 m); minimum, 3.0 cfs (0.085 cu m/s) May 11 (gage height, 4.77 ft or 1.454 m).
Period of record: Maximum discharge, 11,600 cfs (329 cu m/s) Apr. 5, 1973 (gage height, 22.98 ft or 7.004 m); no flow for many days in some years; minimum gage height, 3.62 ft (1.103 m) June 26, 1955.

REMARKS.--Records good.

REVISIONS.--WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	25	8.9	220	91	35	123	9.2	40	36	461	510
2	56	23	8.3	188	79	33	101	7.5	35	34	365	589
3	52	21	8.0	163	73	32	102	6.0	51	36	302	504
4	48	19	8.0	145	81	30	95	5.5	146	69	288	431
5	45	16	7.8	129	75	28	138	16	97	164	295	545
6	42	16	8.0	115	65	27	280	14	68	420	508	781
7	41	14	7.5	103	77	25	238	11	51	279	532	934
8	49	14	14	94	107	24	168	8.0	46	152	405	926
9	49	13	33	84	98	23	137	6.0	158	127	343	970
10	47	12	35	77	83	22	114	4.5	273	176	380	920
11	47	10	34	72	74	20	93	3.4	373	258	381	777
12	46	9.2	33	70	68	19	80	141	273	193	325	643
13	46	8.6	32	67	62	18	72	320	207	143	265	542
14	43	8.3	31	61	57	16	64	266	216	108	216	493
15	40	7.8	30	57	54	14	59	200	242	85	177	442
16	38	7.5	45	53	58	14	62	164	236	70	168	376
17	36	7.0	91	50	71	13	57	293	190	58	195	324
18	35	7.0	99	47	65	11	50	518	150	49	692	278
19	32	8.6	92	45	60	10	45	580	119	41	867	240
20	30	9.2	88	44	60	10	40	502	96	45	680	206
21	28	9.2	84	45	56	12	36	408	80	128	686	174
22	27	8.9	75	46	54	13	33	342	68	233	720	152
23	26	8.9	66	44	53	17	32	266	57	257	668	381
24	25	8.9	60	42	48	25	33	258	53	206	613	478
25	23	8.9	56	40	45	28	28	220	52	183	557	417
26	21	8.3	54	38	41	138	24	154	45	226	517	369
27	20	7.8	129	37	38	189	20	116	50	371	466	332
28	19	8.3	278	36	36	175	17	91	51	410	414	298
29	25	11	294	38	------	202	13	72	45	582	366	280
30	27	9.5	269	41	------	214	11	58	40	442	325	275
31	27	------	251	75	------	161	------	47	------	475	312	------
TOTAL	1,150	345.9	2,329.5	2,366	1,829	1,598	2,365	5,107.1	3,608	6,058	13,495	14,587
MEAN	37.1	11.5	75.1	76.3	65.3	51.5	78.8	165	120	195	435	486
MAX	60	25	294	220	107	214	280	580	373	582	867	970
MIN	19	7.0	7.5	36	36	10	11	3.4	35	34	168	152
CFSM	.23	.07	.47	.48	.41	.32	.49	1.03	.75	1.22	2.72	3.04
IN.	.27	.08	.54	.55	.43	.37	.55	1.19	.84	1.41	3.14	3.39

CAL YR 1973 TOTAL 136,010.4 MEAN 373 MAX 11,400 MIN 7.0 CFSM 2.33 IN 31.62
WTR YR 1974 TOTAL 54,838.5 MEAN 150 MAX 970 MIN 3.4 CFSM .94 IN 12.75

02231000 St. Marys River near Macclenny, Fla.

LOCATION.--Lat 30°21'31", long 82°04'54", in NW quarter sec.2, T.2 S., R.22 E., Baker County, on right bank 200 ft (60 m) downstream from site of former Stokes Bridge, 1 mi (2 km) downstream from confluence of North and South Prongs, 6 mi (10 km) northeast of Macclenny, and 100 mi (161 km) upstream from mouth.

DRAINAGE AREA.--700 sq mi (1,800 sq km), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--October 1926 to current year.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft (12.192 m) above mean sea level (levels by Mees and Mees). Prior to Feb. 21, 1939, nonrecording gage and Feb. 21, 1939, to Aug. 15, 1948, water-stage recorder, at site of former bridge 200 ft (60 m) upstream at same datum.

AVERAGE DISCHARGE.--48 years, 689 cfs (19.51 cu m/s), 13.37 in/yr (340 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,550 cfs (157 cu m/s) Sept. 7 (gage height, 15.50 ft or 4.724 m); minimum, 42 cfs (1.19 cu m/s) May 11 (gage height, 1.85 ft or 0.564 m).
Period of record: Maximum discharge, 28,100 cfs (796 cu m/s) Sept. 25, 1947; maximum gage height, 23.25 ft (7.087 m) Sept. 13, 1964, from floodmark; minimum discharge observed, 12 cfs (0.34 cu m/s) May 22, 1932; minimum gage height observed, 0.04 ft (0.012 m) June 4, 5, 1927.

REMARKS.--Records fair.

REVISIONS (WATER YEARS).--WSP 1082: 1928(M), 1945(M). WSP 1142: 1928, 1945. WSP 1434: 1927. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	199	62	50	524	225	115	877	58	228	203	1,490	1,710
2	184	60	48	462	226	107	733	54	200	181	1,490	1,730
3	178	58	48	408	205	99	675	50	199	167	1,390	1,680
4	169	57	47	374	191	91	659	49	313	169	1,270	1,540
5	157	55	47	344	191	85	631	54	419	334	1,180	2,570
6	147	54	46	316	185	79	769	60	335	599	1,460	4,980
7	139	53	46	292	178	74	841	56	267	851	2,160	5,440
8	135	52	57	270	234	70	747	51	245	831	2,120	5,110
9	134	51	110	250	321	65	631	48	427	856	1,890	4,920
10	131	50	123	229	316	61	539	45	541	866	1,660	4,900
11	124	49	103	213	276	57	456	43	650	855	1,620	4,440
12	123	49	91	200	240	55	387	310	787	847	1,700	3,710
13	121	48	84	193	217	54	338	1,320	625	764	1,570	2,950
14	116	48	80	186	197	53	296	1,550	458	700	1,320	2,350
15	110	48	78	177	185	52	266	1,300	455	593	1,110	1,950
16	104	47	93	169	176	51	258	1,120	670	465	968	1,660
17	98	46	215	161	180	50	270	1,130	597	361	1,040	1,430
18	93	46	302	152	191	48	251	1,450	457	289	1,680	1,240
19	88	46	274	143	184	47	220	1,460	356	232	2,520	1,060
20	84	47	239	137	187	46	196	1,360	288	197	3,570	924
21	81	48	234	132	196	47	179	1,160	234	215	4,990	810
22	81	48	224	128	191	53	163	980	199	463	5,290	722
23	79	48	202	125	183	66	148	831	182	754	4,720	815
24	76	47	186	118	176	181	138	727	161	742	4,290	934
25	72	47	174	111	165	239	129	695	153	597	4,010	976
26	68	47	167	104	150	607	113	640	161	635	3,890	884
27	65	46	257	98	137	1,040	96	561	194	818	3,320	791
28	63	46	619	92	125	1,080	84	474	304	1,010	2,740	725
29	64	47	727	89	------	1,090	73	395	318	1,260	2,300	688
30	65	50	665	99	------	1,090	65	330	249	1,510	1,980	709
31	64	------	586	178	------	1,030	------	274	------	1,490	1,770	------
TOTAL	3,412	1,500	6,222	6,474	5,628	7,882	11,228	18,635	10,672	19,854	72,508	64,348
MEAN	110	50.0	201	209	201	254	374	601	356	640	2,339	2,145
MAX	199	62	727	524	321	1,090	877	1,550	787	1,510	5,290	5,440
MIN	63	46	46	89	125	46	65	43	153	167	968	688
CFSM	.16	.07	.29	.30	.29	.36	.53	.86	.51	.91	3.34	3.06
IN.	.18	.08	.33	.34	.30	.42	.60	.99	.57	1.06	3.85	3.42

CAL YR 1973 TOTAL 441,344 MEAN 1,209 MAX 27,300 MIN 46 CFSM 1.73 IN 23.45
WTR YR 1974 TOTAL 228,363 MEAN 626 MAX 5,440 MIN 43 CFSM .89 IN 12.14

02231000 St. Marys River near Macclenny, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.49	2.25	2.04	5.37	3.59	2.69	7.14	2.21	3.61	3.42	9.64	10.38
2	3.35	2.22	2.01	5.07	3.60	2.64	6.42	2.13	3.40	3.21	9.64	10.42
3	3.30	2.20	2.00	4.79	3.44	2.58	6.13	2.06	3.39	3.07	9.30	10.26
4	3.22	2.18	1.98	4.58	3.31	2.52	6.05	2.02	4.17	3.09	8.86	9.78
5	3.12	2.16	1.97	4.39	3.31	2.47	5.91	2.13	4.85	4.30	8.52	12.04
6	3.03	2.14	1.96	4.21	3.25	2.42	6.60	2.25	4.33	5.74	9.53	14.97
7	2.96	2.12	1.95	4.05	3.18	2.37	6.96	2.17	3.88	7.01	11.49	15.42
8	2.93	2.10	2.19	3.90	3.65	2.33	6.49	2.08	3.72	6.91	11.42	15.11
9	2.93	2.08	2.79	3.76	4.24	2.28	5.91	2.00	4.89	7.03	10.85	14.92
10	2.91	2.05	2.93	3.62	4.21	2.24	5.44	1.93	5.46	7.08	10.19	14.90
11	2.85	2.03	2.71	3.50	3.94	2.20	5.04	1.87	6.00	7.02	10.08	14.44
12	2.86	2.02	2.56	3.40	3.70	2.16	4.66	3.85	6.69	6.99	10.33	13.71
13	2.85	2.01	2.47	3.33	3.52	2.13	4.35	8.99	5.87	6.57	9.90	12.85
14	2.81	2.00	2.41	3.26	3.37	2.11	4.08	9.86	5.04	6.25	9.06	11.89
15	2.75	1.99	2.38	3.17	3.25	2.09	3.87	8.96	5.02	5.71	8.23	11.00
16	2.69	1.97	2.58	3.09	3.16	2.07	3.82	8.29	6.10	5.07	7.59	10.21
17	2.63	1.96	3.51	3.01	3.20	2.04	3.90	8.31	5.73	4.50	7.94	9.45
18	2.58	1.95	4.12	2.94	3.31	2.01	3.77	9.50	5.04	4.03	10.22	8.76
19	2.53	1.95	3.93	2.88	3.24	1.98	3.55	9.54	4.47	3.65	12.18	8.03
20	2.49	1.97	3.69	2.84	3.27	1.96	3.36	9.17	4.02	3.37	13.56	7.37
21	2.45	1.99	3.65	2.81	3.36	1.98	3.19	8.44	3.66	3.51	14.99	6.80
22	2.47	1.99	3.58	2.80	3.31	2.11	3.03	7.63	3.39	5.03	15.28	6.36
23	2.45	1.99	3.42	2.79	3.23	2.36	2.94	6.91	3.22	6.52	14.72	6.83
24	2.40	1.98	3.26	2.74	3.16	3.20	2.89	6.39	3.01	6.46	14.29	7.42
25	2.35	1.97	3.14	2.68	3.05	3.69	2.86	6.23	2.93	5.74	14.01	7.63
26	2.30	1.97	3.07	2.63	2.94	5.69	2.75	5.95	3.01	5.93	13.90	7.17
27	2.26	1.95	3.78	2.58	2.84	7.90	2.61	5.56	3.33	6.84	13.30	6.70
28	2.23	1.95	5.82	2.53	2.76	8.10	2.50	5.12	4.13	7.79	12.54	6.38
29	2.26	1.98	6.39	2.52	------	8.16	2.39	4.71	4.22	8.83	11.80	6.19
30	2.29	2.04	6.08	2.66	------	8.16	2.30	4.30	3.76	9.70	11.07	6.29
31	2.27	------	5.68	3.18	------	7.86	------	3.93	------	9.65	10.54	------
MEAN	2.71	2.04	3.23	3.39	3.37	3.37	4.36	5.31	4.34	5.81	11.13	10.12
MAX	3.49	2.25	6.39	5.37	4.24	8.16	7.14	9.86	6.69	9.70	15.28	15.42
MIN	2.23	1.95	1.95	2.52	2.76	1.96	2.30	1.87	2.93	3.07	7.59	6.19

CAL YR 1973 MEAN 6.40 MAX 22.71 MIN 1.95
WTR YR 1974 MEAN 4.94 MAX 15.42 MIN 1.87

02231253 St. Marys River near Gross, Fla.

LOCATION.--Lat 30°44'29", long 81°41'17", in land grant 41, T.4 N., R.26 E., Nassau County, at Florida-Georgia state line, near center of span on downstream side of bridge on U.S. Highway 17, 1.8 mi (2.9 km) downstream from Little St. Marys River, 2.1 mi (3.4 km) north of Gross, and 21 mi (34 km) upstream from mouth.

DRAINAGE AREA.--1,360 sq mi (3,520 sq km), approximately.

PERIOD OF RECORD.--April 1966 to September 1972, October, November 1973, January to April, August, September 1974; October to December 1972 and May to September 1973 and December 1973 and May to July 1974 (gage heights only).

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level.

AVERAGE DISCHARGE.--6 years (1966-72), 1,192 cfs (33.76 cu m/s).

EXTREMES.--Maximum discharge during periods October, November 1973, January to April, August, September 1974, 8,420 cfs (238 cu m/s) Aug. 27; maximum daily reverse flow, 2,900 cfs (82.1 cu m/s) Nov. 6.
Current year: Maximum gage height, 14.04 ft (4.279 m) Sept. 24; minimum, 6.68 ft (2.036 m) Dec. 21.
Period of record: Maximum daily discharge, 17,300 cfs (490 cu m/s) Nov. 2, 1969; maximum gage height, 14.60 ft (4.450 m) Nov. 1, 1969; maximum daily reverse flow, 3,840 cfs (109 cu m/s) June 5, 1968; minimum gage height, 5.63 ft (1.716 m) Feb. 13, 1971.

REMARKS.--Records poor. Flow affected by tide. The stage record published is the maximum and minimum tide event for each calendar day.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	381	60		1,140	-1,390	1,000	-109				1,670	4,010
2	339	-664		751	-1,610	455	954				1,720	3,710
3	-529	-449		-33	-1,260	-542	-803				1,100	3,930
4	-180	-1,130		-947	-2,660	-1,220	-402				1,520	3,580
5	-289	-986		-2,040	-2,800	-1,590	363				3,040	3,360
6	-1,390	-2,900		-802	-1,620	-1,210	2,030				4,160	4,760
7	-845	608		-1,150	242	-527	315				4,110	4,680
8	138	-501		-859	154	322	2,670				3,190	2,500
9	-112	-954		1,460	-116	1,120	2,100				1,820	3,940
10	-761	-2,230		54	-253	1,100	1,990				2,950	4,940
11	-354	-18		829	1,210	491	1,070				2,480	4,280
12	-370	1,760		-172	-393	-471	1,150				2,820	5,620
13	859	762		-1,390	825	-1,100	2,520				3,490	6,450
14	658	885		1,280	340	283	1,010				3,020	6,750
15	1,190	285		708	-1,860	428	72				1,880	6,340
16	1,240	837		346	-1,450	573	-753				2,240	4,280
17	-235	-1,270		-479	-1,640	233	83				2,510	5,760
18	104	-622		-1,740	-1,540	-1,160	269				3,840	4,380
19	-1,790	-463		-1,100	-477	-255	1,530				3,070	4,270
20	-1,390	-727		-1,660	-773	-606	103				4,640	5,650
21	-1,610	-579		-1,260	634	-942	-902				5,560	4,210
22	-1,490	-1,310		-1,750	888	-509	1,570				5,760	2,610
23	-1,690	-732		-1,750	536	-1,240	446				7,260	574
24	-1,190	-718		-402	212	1,320	882				7,480	47
25	-962	-30		-162	988	-102	1,190				7,690	4,050
26	-245	-422		-813	141	1,450	1,700				8,200	2,480
27	-564	-1,220		-624	271	1,830	369				8,420	2,510
28	243	-13		139	419	2,520	1,260				7,150	2,880
29	-677	-196		-131	------	1,800	241				8,010	3,510
30	211	414		-186	------	2,250	-2,160				6,890	1,570
31	210	------		-526	------	1,650	------		------		4,340	------
TOTAL	-11,100	-12,523		-13,269	-12,982	7,351	20,758				132,030	117,631
MEAN	-358	-417		-428	-464	237	692				4,259	3,921
MAX	1,240	1,760		1,460	1,210	2,520	2,670				8,420	6,750
MIN	-1,790	-2,900		-2,040	-2,800	-1,590	-2,160				1,100	47
AC-FT	-22,020	-24,840		-26,320	-25,750	14,580	41,170				261,900	233,300

NOTE.--Negative figures indicate reverse flow. No deflection record, Dec. 1-31, May 1 to July 31.

02231253 St. Marys River near Gross, Fla.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.13	12.59	12.46	12.38	12.52	12.54	12.57	12.69	12.98	12.96	13.01	12.75
2	13.21	12.79	12.82	12.32	12.74	12.21	12.74	12.83	12.95	12.99	12.71	12.90
3	13.11	12.63	12.72	12.55	12.76	12.44	13.01	12.83	13.38	12.39	13.03	12.95
4	13.18	12.64	12.76	12.73	12.72	12.55	12.98	13.07	13.02	12.97	13.15	12.98
5	13.07	12.69	12.61	12.80	13.25	12.75	13.07	12.86	13.53	12.91	13.01	13.30
6	13.40	13.18	12.72	13.08	13.51	12.79	12.97	13.24	13.39	12.85	13.04	13.26
7	13.49	13.26	12.93	13.17	13.32	12.79	13.03	13.28	13.15	12.69	12.88	13.39
8	13.44	13.21	13.60	13.26	13.12	12.77	13.26	13.26	13.00	12.77	12.92	13.33
9	13.35	13.26	13.46	13.45	13.06	12.81	12.97	13.29	12.81	12.93	12.93	13.70
10	13.49	13.84	13.29	13.17	13.07	12.84	12.69	13.11	12.64	12.78	13.10	13.62
11	13.69	13.91	12.92	13.01	12.86	12.90	12.89	12.84	12.64	12.66	13.41	13.81
12	13.86	13.76	13.31	12.74	12.82	13.04	12.86	12.82	12.61	13.31	13.56	13.92
13	13.87	13.45	13.22	13.00	12.74	12.81	12.62	12.55	12.81	13.27	13.54	13.96
14	13.61	13.24	12.89	13.06	12.43	13.09	12.25	12.64	12.99	13.13	13.52	13.99
15	13.48	13.06	12.92	12.77	12.29	12.72	12.04	12.62	13.14	13.12	13.50	13.99
16	13.37	12.70	12.99	12.37	12.90	12.49	12.14	12.63	13.09	13.15	13.58	14.00
17	13.63	13.08	12.53	12.12	12.83	11.75	12.39	12.65	13.16	13.22	13.37	13.98
18	13.59	13.01	12.64	12.55	12.80	12.19	12.76	12.80	13.31	13.32	13.60	13.91
19	13.51	12.93	12.45	12.91	12.96	12.18	12.72	12.93	12.85	12.86	13.60	13.44
20	13.56	13.01	12.55	12.80	12.61	12.20	13.10	13.41	13.34	13.25	13.67	13.69
21	13.58	13.16	11.63	12.78	12.95	12.45	13.10	13.25	13.38	13.33	13.71	13.34
22	13.60	13.09	12.63	12.78	12.73	12.52	12.63	13.32	13.31	13.64	13.66	13.15
23	13.67	13.11	12.67	12.90	12.50	13.05	12.92	13.58	13.29	13.65	13.55	13.73
24	13.78	13.21	12.65	12.79	12.70	13.08	12.87	13.33	13.06	13.40	13.46	14.04
25	13.96	13.20	12.68	12.62	12.67	12.96	13.24	13.20	13.39	13.05	13.36	13.63
26	13.77	13.03	12.51	12.69	12.36	13.39	13.31	13.27	13.44	12.93	13.28	13.55
27	13.68	13.04	12.40	12.58	12.65	13.21	13.18	13.02	13.36	12.72	13.23	13.38
28	13.58	12.87	12.38	12.40	12.72	13.09	12.92	13.17	13.20	12.94	13.27	13.27
29	13.02	12.60	12.37	12.30	------	12.96	12.81	12.95	13.11	13.22	13.12	13.13
30	12.58	12.72	12.31	12.38	------	12.74	12.56	12.82	13.03	13.01	12.95	13.48
31	12.71	------	12.34	12.49	------	12.57	------	12.97	------	12.97	12.91	------
MEAN	13.45	13.08	12.72	12.74	12.81	12.71	12.82	13.02	13.11	13.04	13.28	13.53
MAX	13.96	13.91	13.60	13.45	13.51	13.39	13.31	13.82	13.63	13.65	13.71	14.04
MIN	12.58	12.59	11.63	12.12	12.29	11.75	12.04	12.55	12.62	12.39	12.71	12.75

WTR YR 1974 MEAN 13.03 MAX 14.04 MIN 11.63

02231253 St. Marys River near Gross, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.33	8.24	8.59	8.00	7.95	7.38	7.57	7.67	8.07	8.28	8.53	8.70
2	9.94	9.03	9.11	8.20	8.66	7.38	7.78	7.73	8.11	8.21	8.90	8.73
3	9.80	8.90	9.05	8.05	7.83	7.87	8.18	7.52	8.25	8.34	8.99	9.04
4	9.88	8.85	9.27	8.78	7.41	7.28	8.56	7.72	9.82	8.26	9.24	8.89
5	10.05	9.12	8.59	7.65	7.90	7.39	8.56	8.61	9.78	8.34	9.16	9.32
6	10.40	8.73	7.70	7.95	8.86	7.32	7.29	8.97	9.09	8.33	9.04	10.00
7	11.14	9.90	7.80	7.95	8.74	7.45	8.40	8.73	9.16	8.44	8.80	9.07
8	10.41	9.20	8.68	7.75	8.19	7.47	8.02	9.17	8.98	8.66	9.20	9.58
9	10.32	9.11	9.24	8.53	8.03	7.50	7.36	9.15	8.88	9.26	9.13	10.42
10	10.22	8.65	8.15	8.25	8.76	7.57	8.31	8.78	8.73	8.94	9.07	10.65
11	10.48	10.20	7.24	8.12	8.15	8.21	8.56	8.90	8.73	8.55	9.52	10.42
12	10.68	10.11	7.90	7.76	8.63	7.99	8.54	8.05	8.79	9.26	10.35	10.74
13	10.80	9.14	8.56	8.67	8.30	9.10	8.34	8.81	8.87	10.03	9.87	10.72
14	10.05	8.64	7.68	8.74	7.99	9.13	8.22	9.08	8.95	9.18	9.28	10.84
15	9.45	8.29	8.67	7.85	8.22	8.66	7.88	8.92	9.17	8.76	9.30	11.09
16	9.46	8.00	8.69	7.46	8.65	7.98	7.74	8.61	8.78	8.16	9.47	11.05
17	8.96	8.64	7.73	7.70	8.53	7.81	8.24	8.40	8.11	7.93	9.35	11.13
18	10.39	9.36	8.70	7.53	8.59	7.76	8.38	8.27	8.40	8.07	9.73	10.84
19	9.83	8.98	8.39	8.68	9.03	8.01	8.25	7.96	8.39	8.02	10.04	11.02
20	10.53	8.83	8.16	8.34	7.50	7.59	8.10	8.50	8.32	7.90	10.32	10.72
21	10.59	8.90	6.68	8.54	8.29	7.75	8.56	10.06	8.31	9.21	10.71	9.84
22	10.66	8.71	7.05	7.93	7.80	7.88	8.00	9.51	8.41	10.10	10.52	9.31
23	10.77	8.59	7.64	8.12	7.42	9.15	7.32	8.58	8.18	10.13	10.33	10.30
24	10.69	8.86	7.54	8.18	7.95	8.52	7.91	8.22	8.46	9.72	9.93	11.94
25	10.96	9.20	7.83	7.99	7.14	8.66	8.74	8.59	9.61	9.06	9.77	11.42
26	10.81	8.63	7.62	8.21	7.71	9.25	8.50	8.88	10.05	8.63	9.57	10.73
27	10.49	8.83	7.33	7.92	8.06	8.62	8.13	8.44	9.75	8.21	9.57	10.36
28	10.31	8.67	7.61	7.58	7.96	8.38	8.13	9.16	9.37	8.12	9.48	9.75
29	8.94	8.02	8.01	7.67	------	7.89	7.91	8.74	8.52	8.96	9.18	9.57
30	8.38	8.84	8.08	7.92	------	7.67	7.82	7.85	8.48	8.87	8.78	9.45
31	8.37	------	8.30	8.04	------	8.06	------	7.74	------	8.56	8.61	------
MEAN	10.10	8.91	8.12	8.07	8.15	8.02	8.11	8.56	8.82	8.73	9.48	10.19
MAX	11.14	10.20	9.27	8.78	9.03	9.25	8.74	10.06	10.05	10.13	10.71	11.94
MIN	8.37	8.00	6.68	7.46	7.14	7.28	7.29	7.52	8.07	7.90	8.53	8.70

WTR YR 1974 MEAN 8.77 MAX 11.94 MIN 6.68

02231280 Thomas Creek near Crawford, Fla.

LOCATION.--Lat 30°27'39", long 81°49'57", in NW quarter sec.32, T.1 N., R.25 E., Duval County, on downstream side of bridge on Acree Road, 4.4 mi (7.1 km) southeast of Crawford, 4.4 mi (7.1 km) northwest of Dinsmore, 7.1 mi (11.4 km) south of Callahan, and 24 mi (39 km) upstream from mouth.

DRAINAGE AREA.--29.8 sq mi (77.2 sq km).

PERIOD OF RECORD.--January 1965 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--9 years, 44.7 cfs (1.266 cu m/s), 20.37 in/yr (517 mm/yr).

EXTREMES.--Current year: Maximum discharge, 452 cfs (12.8 cu m/s) July 9 (gage height, 17.87 ft or 5.447 m); minimum, 2.1 cfs (0.059 cu m/s) June 2 (gage height, 14.83 or 4.520 m).
Period of record: Maximum discharge, 4,020 cfs (114 cu m/s) Apr. 4, 1973 (gage height, 21.04 ft or 6.413 m), from rating curve extended above 1,600 cfs (45.3 cu m/s); minimum, 0.71 cfs (0.020 cu m/s) May 31, 1967 (gage height, 14.65 ft or 4.465 m).
Flood in September 1950 reached a stage of 23.3 ft (7.10 m), from floodmark pointed out by local resident.

REMARKS.-- Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	7.7	5.9	60	13	7.9	24	3.3	2.2	4.2	121	37
2	29	7.1	5.7	46	11	7.6	17	3.2	2.3	4.1	80	55
3	20	6.8	5.8	38	9.7	7.3	19	3.1	3.3	7.3	72	40
4	15	6.4	5.7	34	11	7.0	21	3.3	3.5	19	67	29
5	12	6.3	5.6	31	10	6.8	21	4.0	3.1	37	88	150
6	9.8	6.2	7.7	27	9.1	6.6	36	3.9	3.5	78	116	397
7	18	6.0	7.3	24	13	6.4	33	3.7	12	166	135	276
8	42	5.9	24	22	26	6.1	22	3.4	10	110	90	174
9	34	5.9	73	19	25	6.0	17	3.1	20	271	58	291
10	25	5.8	45	17	19	5.9	13	3.0	24	291	46	343
11	22	5.6	22	16	16	5.7	10	2.8	14	155	43	211
12	22	5.7	17	15	14	5.5	9.0	11	10	89	31	125
13	22	5.7	14	14	12	5.4	8.1	51	6.3	53	24	80
14	19	5.6	14	13	11	5.4	7.3	29	4.6	40	18	54
15	15	5.5	13	12	10	5.4	6.7	9.7	5.0	25	13	40
16	12	5.4	43	12	11	5.5	7.7	7.4	6.3	15	11	32
17	10	5.3	104	11	14	5.4	7.7	7.4	5.8	10	24	39
18	9.1	5.4	78	10	11	5.1	6.5	10	4.3	7.4	62	37
19	8.0	6.2	50	10	10	5.0	5.6	9.5	3.3	5.9	79	28
20	7.2	6.4	39	10	16	5.1	5.1	7.5	2.8	6.3	55	22
21	12	6.3	41	10	14	6.0	4.8	6.2	2.6	16	51	19
22	63	6.1	42	10	15	7.8	4.5	5.2	2.9	90	37	15
23	61	6.0	34	9.2	15	14	4.9	4.7	5.3	212	31	13
24	37	6.3	28	8.9	12	34	5.9	4.9	4.0	119	31	13
25	25	6.4	24	8.6	9.9	22	4.9	4.4	3.9	68	32	12
26	18	6.2	24	8.2	8.7	105	4.3	3.4	4.1	60	27	11
27	14	5.8	65	8.1	8.2	126	4.0	3.1	23	156	24	10
28	11	5.8	155	7.8	8.1	81	3.7	2.9	27	172	18	12
29	10	6.9	158	8.1	------	61	3.6	2.7	9.6	220	13	37
30	9.2	6.3	110	9.7	------	52	3.4	2.5	5.5	148	27	48
31	8.2	------	79	16	------	37	------	2.4	------	111	30	------
TOTAL	671.5	183.0	1,339.7	545.6	362.7	666.9	340.7	221.7	234.2	2,766.2	1,574	2,650
MEAN	21.7	6.10	43.2	17.6	13.0	21.5	11.4	7.15	7.81	89.2	50.8	88.3
MAX	63	7.7	158	60	26	126	36	51	27	291	135	397
MIN	7.2	5.3	5.6	7.8	8.1	5.0	3.4	2.4	2.2	4.1	11	10
CFSM	.73	.20	1.45	.59	.44	.72	.38	.24	.26	2.99	1.70	2.96
IN.	.84	.23	1.67	.68	.45	.83	.43	.28	.29	3.45	1.96	3.31

CAL YR 1973 TOTAL 23,655.8 MEAN 64.8 MAX 3,230 MIN 3.7 CFSM 2.17 IN 29.53
WTR YR 1974 TOTAL 11,556.2 MEAN 31.7 MAX 397 MIN 2.2 CFSM 1.06 IN 14.43

PEAK DISCHARGE (BASE, 300 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
7-9	1600	17.87	452	9-9	1900	17.76	388
9-6	1100	17.86	446				

02231350 St. Johns Headwaters near Vero Beach, Fla.

LOCATION.--Lat 27°38'26", long 80°40'43", in NW quarter sec.6, T.33 S., R.37 E., Indian River County, on upstream side of bridge on State Highway 60, 17.1 mi (27.5 km) west of courthouse in Vero Beach and 297 mi (478 km) upstream from mouth. Prior to May 21, 1974, at site 0.3 mi (0.5 km) east.

DRAINAGE AREA.--297 sq mi (769 sq km).

PERIOD OF RECORD.--February 1942 to current year (gage heights only). Published since October 1962.

GAGE.--Water-stage recorder. Datum of gage is 18.56 ft (5.657 m) above mean sea level (Corps of Engineers bench mark). Prior to May 21, 1974, at site 0.3 mi (0.5 km) east at same datum.

EXTREMES.--Current year: Maximum gage height, 8.64 ft (2.633 m) June 27; minimum, 2.60 ft (0.792 m) Apr. 1-4.
Period of record: Maximum gage height, 9.03 ft (2.752 m) Sept. 30, 1960; minimum, 0.59 ft (0.180 m) May 23, 1970.

REMARKS.--Stage affected by development of system of dikes and controls; not equivalent to earlier record of headwaters marsh.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.02	6.44	3.52	3.77	3.46	3.12	2.60	3.22	3.23	7.43	7.52	7.78
2	7.02	6.50	3.58	3.78	3.37	3.09	2.60	3.20	3.23	6.98	7.50	7.72
3	7.00	6.48	3.57	3.76	3.39	3.06	2.60	3.18	3.27	7.76	7.46	7.70
4	6.98	6.41	3.49	3.75	3.41	3.00	2.63	3.16	3.33	8.39	7.42	7.71
5	6.97	6.33	3.42	3.79	3.28	2.94	2.90	3.13	3.35	7.90	7.50	7.72
6	6.95	6.28	3.35	3.76	3.08	2.86	3.23	3.12	3.38	7.12	7.71	7.75
7	6.91	6.20	3.34	3.77	2.94	2.80	3.19	3.12	3.41	7.13	8.12	7.79
8	6.94	6.11	3.52	3.71	2.88	2.76	3.20	3.10	3.42	7.15	8.33	7.95
9	7.03	6.03	3.65	3.69	2.83	2.74	3.22	3.08	3.42	7.18	8.23	7.97
10	7.00	5.92	3.63	3.69	2.79	2.73	3.23	3.06	3.42	7.84	8.10	7.99
11	6.97	5.77	3.60	3.63	2.77	2.72	3.24	3.03	3.44	8.25	7.98	7.95
12	6.93	5.61	3.62	3.65	2.77	2.71	3.26	3.01	3.50	7.57	7.76	7.90
13	6.89	5.46	3.59	3.52	2.76	2.70	3.26	2.98	3.50	7.14	7.56	7.86
14	6.83	5.23	3.64	3.44	2.75	2.69	3.27	2.99	3.50	7.06	7.48	7.82
15	6.77	4.93	3.62	3.58	2.74	2.70	3.29	3.09	3.52	7.02	7.42	7.77
16	6.75	4.65	3.69	3.59	2.78	2.71	3.29	3.11	3.58	7.00	7.40	7.74
17	6.71	4.48	3.78	3.65	2.77	2.70	3.34	3.14	3.62	7.05	7.45	7.70
18	6.70	4.39	3.65	3.59	2.77	2.67	3.35	3.17	3.63	7.11	7.54	7.67
19	6.91	4.35	3.66	3.61	2.85	2.66	3.34	3.18	3.64	7.14	7.66	7.65
20	7.29	4.32	3.79	3.65	3.11	2.65	3.34	3.17	3.64	7.16	7.74	7.60
21	7.22	4.24	3.91	3.68	3.32	2.65	3.33	3.16	3.65	7.12	7.72	7.57
22	6.92	4.19	3.88	3.58	3.55	2.63	3.33	3.16	3.70	7.12	7.70	7.55
23	6.86	4.16	3.82	3.62	3.66	2.63	3.32	3.16	3.85	7.36	7.71	7.50
24	6.81	4.09	3.87	3.59	3.71	2.63	3.32	3.19	3.90	7.62	7.69	7.46
25	6.76	4.02	3.86	3.61	3.56	2.63	3.31	3.20	4.69	7.66	7.66	7.46
26	6.71	4.03	3.88	3.65	3.41	2.63	3.29	3.20	6.73	7.64	7.69	7.44
27	6.67	3.95	3.83	3.57	3.24	2.63	3.28	3.21	8.10	7.56	7.70	7.43
28	6.59	3.82	3.83	3.56	3.15	2.63	3.27	3.20	8.40	7.47	7.76	7.40
29	6.54	3.67	3.84	3.53	------	2.63	3.26	3.20	8.17	7.58	7.87	7.38
30	6.51	3.55	3.83	3.52	------	2.62	3.24	3.20	8.09	7.60	7.87	7.36
31	6.44	------	3.84	3.55	------	2.61	------	3.21	------	7.56	7.84	------
MEAN	6.86	5.05	3.68	3.64	3.11	2.74	3.18	3.14	4.28	7.41	7.71	7.68
MAX	7.29	6.50	3.91	3.79	3.71	3.12	3.35	3.22	8.40	8.39	8.33	7.99
MIN	6.44	3.55	3.34	3.44	2.74	2.61	2.60	2.98	3.23	6.98	7.40	7.36

CAL YR 1973 MEAN 5.26 MAX 7.60 MIN 2.40
WTR YR 1974 MEAN 4.89 MAX 8.40 MIN 2.60

02231450 St. Johns Headwaters near Kenansville, Fla.

LOCATION.--Lat 27°49'19", long 80°48'43", in NW quarter sec.2, T.31 S., R. 35 E., Indian River County, near left bank on upstream side of county road between Kenansville and Fellsmere, 11.5 mi (18.5 km) east of Kenansville and 283 mi (455 km) upstream from mouth.

DRAINAGE AREA.--537 sq mi (1,391 sq km).

PERIOD OF RECORD.--February 1942 to current year (gage heights only). Published since October 1962.

GAGE.--Water-stage recorder. Datum of gage is 17.02 ft (5.188 m) above mean sea level (Corps of Engineers bench mark).

EXTREMES.--Current year: Maximum gage height, 9.13 ft (2.783 m) July 3; minimum, 4.49 ft (1.369 m) May 6.
Period of record: Maximum gage height, 9.35 ft (2.850 m) Oct. 16, 1956; minimum, 2.65 ft (0.808 m) June 6, 7, 1962.

REMARKS.--Water level at gage subject to fluctuation caused by pumpage. Stage affected by development of system of dikes and controls; not equivalent to earlier record of headwaters marsh.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.13	6.37	5.84	5.98	5.69	5.63	5.35	4.64	5.13	6.77	7.11	6.64
2	6.88	6.41	5.85	5.94	5.69	5.63	5.32	4.61	5.20	7.09	6.92	6.55
3	6.71	6.39	5.86	5.94	5.69	5.63	5.32	4.58	5.29	8.98	6.81	6.48
4	6.62	6.35	5.86	5.96	5.67	5.63	5.31	4.55	5.43	8.89	6.78	6.42
5	6.55	6.31	5.86	5.95	5.66	5.63	5.34	4.52	5.48	8.61	6.84	6.46
6	6.48	6.26	5.84	5.93	5.66	5.61	5.44	4.51	5.53	8.29	7.2[illegible]	6.53
7	6.42	6.23	5.82	5.93	5.67	5.60	5.41	4.55	5.50	8.06	7.44	6.59
8	6.41	6.20	5.82	5.92	5.73	5.60	5.37	4.58	5.44	7.82	7.29	6.74
9	6.47	6.16	5.85	5.91	5.76	5.59	5.31	4.70	5.41	7.62	7.10	6.89
10	6.49	6.12	5.84	5.90	5.75	5.58	5.26	4.70	5.41	7.75	6.93	6.90
11	6.45	6.10	5.83	5.89	5.73	5.57	5.21	4.68	5.42	7.91	6.87	6.84
12	6.41	6.08	5.82	5.87	5.72	5.56	5.17	4.64	5.43	7.69	6.80	6.75
13	6.36	6.07	5.82	5.86	5.71	5.54	5.12	4.59	5.48	7.50	6.85	6.66
14	6.33	6.05	5.82	5.90	5.70	5.53	5.08	4.58	5.56	7.31	6.87	6.58
15	6.32	6.04	5.82	5.91	5.68	5.52	5.03	4.82	5.49	7.13	6.84	6.52
16	6.29	6.02	5.85	5.90	5.72	5.52	4.99	5.07	5.55	6.98	6.94	6.47
17	6.25	6.03	5.90	5.88	5.82	5.53	4.99	5.22	5.66	6.87	6.90	6.42
18	6.25	6.09	5.88	5.86	5.83	5.51	4.97	5.25	5.62	6.82	6.82	6.38
19	6.68	6.09	5.87	5.85	5.80	5.51	4.94	5.26	5.53	6.78	6.78	6.33
20	7.02	6.07	5.93	5.84	5.83	5.50	4.91	5.25	5.48	6.72	7.12	6.28
21	7.07	6.04	6.14	5.83	5.83	5.52	4.88	5.21	5.46	6.68	7.20	6.24
22	6.96	6.01	6.15	5.82	5.80	5.50	4.86	5.21	5.44	6.75	7.33	6.21
23	6.87	5.99	6.11	5.81	5.76	5.50	4.84	5.22	5.43	7.22	7.35	6.18
24	6.79	5.98	6.08	5.80	5.72	5.50	4.82	5.19	5.46	7.17	7.18	6.19
25	6.67	5.96	6.05	5.79	5.67	5.49	4.79	5.05	5.79	7.04	7.04	6.21
26	6.58	5.93	6.04	5.78	5.63	5.47	4.77	5.02	6.14	7.03	7.06	6.20
27	6.52	5.92	6.01	5.77	5.63	5.45	4.74	5.00	6.22	7.64	6.94	6.19
28	6.46	5.90	6.00	5.76	5.63	5.44	4.72	4.97	6.57	7.69	6.86	6.17
29	6.43	5.86	6.00	5.75	------	5.42	4.69	4.97	6.73	7.61	6.88	6.16
30	6.40	5.84	6.00	5.72	------	5.40	4.67	4.97	6.87	7.50	6.86	6.17
31	6.37	------	5.99	5.70	------	5.37	------	5.00	------	7.32	6.76	------
MEAN	6.57	6.10	5.92	5.86	5.72	5.53	5.05	4.87	5.64	7.46	6.99	6.45
MAX	7.13	6.41	6.15	5.98	5.83	5.63	5.44	5.26	6.87	8.98	7.44	6.90
MIN	6.25	5.84	5.82	5.70	5.63	5.37	4.67	4.51	5.13	6.68	6.76	6.16

CAL YR 1973 MEAN 5.98 MAX 7.63 MIN 5.08
WTR YR 1974 MEAN 6.02 MAX 8.98 MIN 4.51

02231565 Crabgrass Creek near Holopaw, Fla.

LOCATION.--Lat 28°07'48", long 81°00'07", in SE quarter sec. 15, T.27 S., R.33 E., Osceola County, at bridge on U.S. Highway 192, 4.6 mi (7.4 km) east of Holopaw.

DRAINAGE AREA.--30.2 sq mi (78.2 sq km).

PERIOD OF RECORD.--1965, 1967, 1969-70 (one to three discharge measurements each water year), October 1970 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured 484 cfs (13.7 cu m/s) Aug. 22, 1974; no flow observed in 1965, 1967, 1971, 1974.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 4	63	Mar. 12	.15	June 25	.02**
Nov. 29	1.8	May 7	0	Aug. 22	484
Jan. 18	1.9				

** Field estimate

02231600 Jane Green Creek near Deer Park, Fla.

LOCATION.--Lat 28°04'27", long 80°53'18", in SE quarter sec.2, T.28 S., R.34 E., Osceola County, near right bank of leftmost of five channels on upstream side of bridge on county road, 1.2 mi (1.9 km) southeast of Deer Park, 2 mi (3 km) downstream from confluence of Crabgrass and Bull Creeks, and 5.8 mi (9.3 km) upstream from mouth.

DRAINAGE AREA.--248 sq mi (642 sq km).

PERIOD OF RECORD.--October 1953 to current year.

GAGE.--Water-stage recorder. Datum of gage is 18.55 ft (5.654 m) above mean sea level.

AVERAGE DISCHARGE.--21 years, 283 cfs (8.015 cu m/s), 15.50 in/yr (394 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,880 cfs (138 cu m/s) July 6 (gage height, 8.03 ft or 2.448 m); no flow Mar. 13 to June 27; minimum gage height, 1.06 ft (0.323 m) May 6.

Period of record: Maximum discharge, 18,400 cfs (521 cu m/s) Oct. 17, 1956 (gage height, 10.95 ft or 3.338 m), from rating curve extended above 11,000 cfs (312 cu m/s); no flow for many days in some years; creek dry at gage June 4, 5, 8-10, 12-20, 1956.

REMARKS.--Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,340	379	44	39	11	3.9			0	448	1,520	641
2	1,140	336	40	37	11	3.7			0	1,030	1,980	511
3	989	302	37	36	10	3.0			0	2,130	2,090	429
4	700	277	35	33	9.6	2.3			0	3,160	1,960	375
5	651	258	32	32	8.7	1.7			0	4,200	1,940	321
6	554	243	30	31	7.4	1.4			0	4,840	1,610	359
7	479	229	28	29	7.1	1.2			0	4,720	1,400	402
8	432	213	27	28	6.7	.86			0	4,200	1,310	552
9	433	186	26	27	6.8	.56			0	3,500	1,240	659
10	513	168	24	25	7.7	.28			0	2,750	1,070	877
11	613	157	23	24	7.3	.08			0	2,180	881	1,340
12	695	150	22	22	7.3	.05			0	1,740	736	1,430
13	737	142	22	21	7.3	0			0	1,390	713	1,160
14	711	134	21	20	7.3	0			0	1,080	749	883
15	643	125	21	20	7.3	0			0	832	773	671
16	562	117	28	18	7.3	0			0	643	750	537
17	487	109	34	17	7.3	0			0	513	766	445
18	505	102	32	17	7.3	0			0	450	760	390
19	1,080	95	32	16	7.3	0			0	453	694	352
20	2,000	87	35	16	7.3	0			0	482	626	320
21	2,300	80	37	16	7.3	0			0	452	611	290
22	2,020	76	39	15	7.3	0			0	399	781	255
23	1,700	73	41	15	7.0	0			0	333	1,690	226
24	1,420	71	41	14	6.2	0			0	292	2,090	223
25	1,190	67	41	14	5.4	0			0	273	1,890	327
26	987	64	43	14	4.6	0			0	319	1,540	550
27	822	60	43	13	4.2	0			0	441	1,270	1,110
28	687	57	44	13	3.9	0			3.7	541	1,050	1,160
29	586	52	43	12	------	0			21	587	898	1,030
30	496	47	41	12	------	0			126	667	883	851
31	424	------	40	12	------	0	------		------	924	785	------
TOTAL	27,896	4,456	1,046	658	204.9	19.03	0	0	150.7	45,969	36,956	18,676
MEAN	900	149	33.7	21.2	7.32	.61	0	0	5.02	1,483	1,192	623
MAX	2,300	379	44	39	11	3.9	0	0	126	4,840	2,090	1,430
MIN	424	47	21	12	3.9	0	0	0	0	273	611	223
CFSM	3.63	.60	.14	.09	.03	.003	0	0	.02	5.98	4.81	2.51
IN.	4.18	.67	.16	.10	.03	.002	0	0	.02	6.90	5.54	2.80

CAL YR 1973 TOTAL 113,535.17 MEAN 311 MAX 2,300 MIN 0 CFSM 1.25 IN 17.03
WTR YR 1974 TOTAL 136,031.63 MEAN 373 MAX 4,840 MIN 0 CFSM 1.50 IN 20.40

02232000 St. Johns River near Melbourne, Fla.

LOCATION.--Lat 28°05'04", long 80°45'08", in NW quarter sec.5, T.28 S., R.36 E., Brevard County, near center of span on upstream side of bridge on U.S. Highway 192, 1.1 mi (1.8 km) downstream from Sawgrass Lake, 1.7 mi (2.7 km) upstream from Lake Washington, 9.2 mi (14.8 km) west of Melbourne and 262 mi (422 km) upstream from mouth.

DRAINAGE AREA.--968 sq mi (2,507 sq km).

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for October 1939, published in WSP 1304.

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 11.22 ft (3.420 m) above mean sea level. Prior to July 26, 1940, non-recording gage at site 200 ft (60 m) upstream at same datum. July 26, 1940, to Jan. 11, 1973, water-stage recorder at site 200 ft (60 m) upstream at same datum. Oct. 1, 1969, to Oct. 5, 1972, water-stage recorder for Lake Washington near Eau Gallie (sta 02232100) used as auxiliary gage for this station.

AVERAGE DISCHARGE.--35 years, 714 cfs (20.22 cu m/s), 517,300 acre-ft/yr (638 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 2,520 cfs (71.4 cu m/s) July 12; maximum gage height, 6.15 ft (1.875 m) July 13; maximum daily reverse flow, 49 cfs (1.39 cu m/s) May 13; minimum gage height, -0.69 ft (-0.210 m) June 2, affected by wind.
Period of record: Maximum daily discharge, 18,000 cfs (510 cu m/s) Oct. 18, 1956; maximum gage height, 9.66 ft (2.944 m) Sept. 30, 1960; maximum reverse flow measured, 109 cfs (3.09 cu m/s) Sept. 18, 1950, affected by wind; minimum gage height, -0.69 ft (-0.210 m) June 2, 1974, affected by wind.

REMARKS.--Records poor.

REVISIONS (WATER YEARS).--WSP 1504: 1945-54. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,380	1,760	476	228	173	126	100	41	49	315	1,830	2,020
2	1,440	1,730	490	215	205	71	78	20	25	366	1,880	1,930
3	1,500	1,690	441	262	203	105	125	37	53	460	1,960	1,710
4	1,540	1,630	445	256	121	61	110	2.0	31	695	1,990	1,680
5	1,560	1,590	376	262	224	106	56	37	49	1,070	2,140	1,650
6	1,560	1,510	282	243	216	60	68	14	17	1,410	2,170	1,660
7	1,530	1,520	338	230	173	57	121	-6.0	66	1,790	2,210	1,640
8	1,540	1,440	356	231	189	76	93	37	39	2,080	2,230	1,620
9	1,560	1,360	362	245	175	23	74	1.1	106	2,270	2,270	1,710
10	1,570	1,130	367	249	173	66	68	13	107	2,410	2,260	1,810
11	1,560	1,230	325	223	122	-28	90	-12	76	2,440	2,240	1,830
12	1,570	1,190	323	169	126	70	97	30	68	2,520	2,200	1,880
13	1,590	1,120	322	240	117	12	111	-49	75	2,400	2,160	1,970
14	1,580	1,040	286	250	104	121	97	6.5	88	2,390	2,120	2,100
15	1,570	977	244	213	91	140	39	69	78	2,290	2,080	2,110
16	1,570	886	314	199	175	145	25	86	87	2,190	2,070	2,080
17	1,550	801	270	175	91	76	50	76	84	2,110	2,030	1,990
18	1,570	804	275	171	129	105	39	75	49	2,050	1,890	1,970
19	1,690	779	293	172	172	115	43	58	44	1,990	1,900	1,910
20	1,810	730	314	187	35	86	40	71	49	1,910	1,840	1,780
21	1,940	693	319	172	132	126	57	62	71	1,890	1,890	1,710
22	2,070	649	315	145	127	66	61	62	58	1,810	2,030	1,640
23	2,090	603	344	140	84	151	53	41	113	1,770	2,040	1,540
24	2,080	632	320	162	134	51	11	13	122	1,730	2,040	1,570
25	2,070	602	316	163	74	43	6.1	61	135	1,750	2,070	1,670
26	2,030	552	308	177	136	65	45	16	130	1,730	2,090	1,520
27	2,000	536	263	159	183	127	20	31	205	1,720	2,110	1,600
28	1,950	543	271	157	163	80	54	-28	258	1,690	2,140	1,700
29	1,900	404	303	109	------	116	28	8.6	320	1,670	2,160	1,780
30	1,840	531	263	126	------	108	-11	.10	311	1,780	2,140	1,820
31	1,810	------	267	75	------	58	------	19	------	1,800	2,080	------
TOTAL	53,020	30,662	10,188	6,005	4,047	2,586	1,848.1	892.30	2,963	54,496	64,260	53,600
MEAN	1,710	1,022	329	194	145	83.4	61.6	28.8	98.8	1,758	2,073	1,787
MAX	2,090	1,760	490	262	224	151	125	86	320	2,520	2,270	2,110
MIN	1,380	404	244	75	35	-28	-11	-49	17	315	1,830	1,520
AC-FT	105,200	60,820	20,210	11,910	8,030	5,130	3,670	1,770	5,880	108,100	127,500	106,300

CAL YR 1973 TOTAL 239,518.80 MEAN 656 MAX 2,090 MIN 5.8 AC-FT 475,100
WTR YR 1974 TOTAL 284,567.40 MEAN 780 MAX 2,520 MIN -49 AC-FT 564,400

NOTE.--Negative figures indicate reverse flow.

02232000 St. Johns River near Melbourne, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.75	5.54	3.67	2.89	1.92	1.62	.77	.14	-.62	.90	5.32	5.80
2	4.83	5.48	3.61	2.86	1.92	1.60	.77	.12	-.61	1.23	5.38	5.76
3	4.96	5.43	3.55	2.82	1.88	1.60	.80	.04	-.57	1.69	5.44	5.73
4	5.05	5.36	3.51	2.81	1.90	1.54	.77	.01	-.55	2.28	5.46	5.70
5	5.09	5.29	3.44	2.79	1.84	1.57	.82	-.03	-.58	3.17	5.61	5.69
6	5.10	5.23	3.43	2.76	1.80	1.54	.92	-.06	-.60	3.95	5.69	5.74
7	5.08	5.15	3.42	2.73	1.80	1.52	.86	-.03	-.61	4.80	5.78	5.68
8	5.09	5.08	3.40	2.70	1.81	1.49	.83	-.04	-.61	5.40	5.90	5.63
9	5.11	5.00	3.37	2.68	1.84	1.47	.82	-.07	-.54	5.76	5.95	5.64
10	5.15	4.94	3.34	2.63	1.81	1.45	.82	-.11	-.52	5.95	5.95	5.62
11	5.15	4.86	3.29	2.61	1.78	1.42	.75	-.21	-.54	6.08	5.94	5.62
12	5.14	4.79	3.24	2.61	1.75	1.40	.68	-.25	-.51	6.12	5.94	5.62
13	5.15	4.71	3.19	2.56	1.75	1.41	.67	-.19	-.52	6.13	5.91	5.66
14	5.15	4.64	3.16	2.51	1.74	1.36	.64	-.25	-.52	6.10	5.83	5.69
15	5.17	4.56	3.13	2.51	1.73	1.32	.67	-.24	-.47	6.07	5.79	5.69
16	5.16	4.49	3.11	2.48	1.74	1.31	.69	-.19	-.48	5.99	5.78	5.68
17	5.15	4.42	3.12	2.43	1.80	1.31	.69	-.21	-.52	5.89	5.77	5.62
18	5.18	4.35	3.09	2.40	1.76	1.27	.65	-.21	-.53	5.85	5.72	5.59
19	5.37	4.29	3.04	2.37	1.69	1.22	.62	-.24	-.52	5.80	5.68	5.55
20	5.50	4.22	3.04	2.33	1.79	1.20	.58	-.25	-.50	5.73	5.65	5.49
21	5.60	4.17	3.10	2.29	1.75	1.16	.51	-.27	-.50	5.66	5.62	5.38
22	5.74	4.10	3.08	2.27	1.73	1.17	.44	-.33	-.48	5.60	5.69	5.35
23	5.81	4.05	3.06	2.22	1.77	1.08	.42	-.38	-.52	5.54	5.71	5.31
24	5.85	4.03	3.03	2.17	1.75	.98	.41	-.37	-.50	5.46	5.69	5.31
25	5.86	3.97	3.00	2.16	1.74	1.04	.43	-.39	-.31	5.40	5.70	5.36
26	5.83	3.93	2.99	2.12	1.76	1.02	.34	-.43	-.16	5.38	5.74	5.44
27	5.80	3.88	2.99	2.07	1.69	.97	.31	-.48	.02	5.37	5.78	5.51
28	5.76	3.84	2.99	2.02	1.65	.91	.26	-.46	.30	5.31	5.83	5.52
29	5.72	3.79	2.95	1.99	------	.86	.21	-.51	.59	5.26	5.87	5.52
30	5.65	3.72	2.94	1.95	------	.84	.17	-.54	.78	5.29	5.89	5.52
31	5.58	------	2.90	1.94	------	.82	------	-.55	------	5.31	5.85	------
MEAN	5.34	4.58	3.20	2.44	1.78	1.27	.61	-.23	-.39	4.98	5.74	5.58
MAX	5.86	5.54	3.67	2.89	1.92	1.62	.92	.14	.78	6.13	5.95	5.80
MIN	4.75	3.72	2.90	1.94	1.65	.82	.17	-.55	-.62	.90	5.32	5.31

CAL YR 1973 MEAN 3.47 MAX 5.86 MIN 1.11
WTR YR 1974 MEAN 2.92 MAX 6.13 MIN -.62

02232200 Wolf Creek near Deer Park, Fla.

LOCATION.--Lat 28°12'46", long 80°54'40", in NW quarter sec.22, T.26 S., R.34 E., Osceola County, near right bank on upstream side of bridge on State Highway 419, 2.9 mi (4.7 km) upstream from mouth and 8.5 mi (13.7 km) north of Deer Park.

DRAINAGE AREA.--25.7 sq mi (66.6 sq km).

PERIOD OF RECORD.--January 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.35 ft (5.898 m) above mean sea level. Prior to July 13, 1967, at site 0.8 mi (1.3 km) downstream at same datum.

AVERAGE DISCHARGE.--18 years, 37.2 cfs (1.054 cu m/s).

EXTREMES.--Current year: Maximum discharge, 1,700 cfs (79.4 cu m/s) July 3 (gage height, 8.39 ft or 2.557 m); no flow Mar. 31 to Apr. 16, Apr. 21 to May 7, minimum gage height, 2.81 ft (0.856 m), May 4-6.

Period of record: Maximum discharge, 7,700 cfs (218 cu m/s) Oct. 16, 1956, from rating curve extended above 1,400 cfs (39.6 cu m/s); maximum gage height, 10.2 ft (3.11 m), estimated, Aug. 28, 1964, present site; no flow for many days in some years; minimum gage height, 1.01 ft (0.308 m) Aug. 14, 1972, caused by temporary earthen dam upstream and pumpage from gage pool; prior to Aug. 14, 1972, minimum gage height observed, 2.23 ft (0.680 m) May 9, 1967, present site.

REMARKS.--Records good. Flow regulated to some extent since October 1970 by the construction of Jane Green Reservoir; levees were constructed and an interconnecting canal was dug joining the watershed areas of Taylor Creek, Pennywash Creek, Cox Creek and Wolf Creek.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	13	1.0	4.0	1.3	.28	0	0	.32	160	192	36
2	58	13	1.0	3.6	1.3	.31	0	0	.23	591	493	27
3	45	12	1.0	3.4	1.2	.30	0	0	.24	1,200	354	30
4	37	11	1.0	3.1	1.0	.27	0	0	2.6	676	241	45
5	33	9.5	1.1	3.0	.80	.25	0	0	5.8	481	216	42
6	29	8.3	1.2	3.3	.71	.22	0	0	2.7	417	264	314
7	25	7.4	1.7	3.4	.70	.19	0	.06	1.6	304	295	232
8	27	6.3	2.1	3.1	.81	.17	0	.40	.91	185	184	148
9	39	5.4	2.5	2.8	1.2	.15	0	.28	.59	203	118	144
10	49	4.6	2.4	2.7	1.4	.12	0	.15	.49	551	79	450
11	58	3.9	2.1	2.5	1.2	.10	0	.06	.92	383	59	289
12	52	3.4	1.8	2.3	.96	.08	0	.01	1.6	184	47	162
13	43	3.0	1.5	2.2	.82	.06	0	0	1.3	137	53	101
14	35	2.8	1.6	2.6	.71	.05	0	0	.71	92	66	67
15	29	2.6	2.1	2.6	.63	.10	0	.49	11	59	57	50
16	25	2.5	3.5	2.5	.61	.13	0	11	109	42	47	39
17	21	2.4	12	2.3	.61	.16	.10	16	71	31	44	31
18	22	2.4	12	2.0	.60	.14	.15	12	35	25	32	25
19	55	2.3	7.5	1.9	.57	.11	.07	4.4	18	23	24	24
20	68	2.2	6.3	1.8	.57	.07	.01	2.1	9.5	22	21	21
21	55	2.1	8.0	1.8	.58	.03	0	1.3	5.0	21	21	18
22	50	2.0	8.2	1.7	.59	.03	0	.80	3.3	19	46	15
23	46	1.9	6.6	1.6	.55	.13	0	.69	2.4	19	121	14
24	39	1.8	5.7	1.5	.49	.18	0	1.8	2.4	18	95	74
25	32	1.7	5.1	1.3	.44	.27	0	1.4	7.8	21	65	172
26	26	1.5	4.9	1.6	.35	.24	0	.79	15	81	53	129
27	22	1.5	4.5	2.1	.29	.18	0	.71	65	93	42	104
28	18	1.3	5.3	1.8	.27	.11	0	1.3	446	178	36	87
29	17	1.2	5.7	1.5	------	.06	0	1.0	558	174	82	61
30	15	1.0	5.1	1.3	------	.01	0	.67	299	144	74	46
31	14	------	4.4	1.2	------	0	------	.45	------	234	49	------
TOTAL	1,164	134.0	128.9	72.5	21.26	4.50	.33	57.86	1,677.41	6,768	3,570	2,997
MEAN	37.5	4.47	4.16	2.34	.76	.15	.011	1.87	55.9	218	115	99.9
MAX	80	13	12	4.0	1.4	.31	.15	16	558	1,200	493	450
MIN	14	1.0	1.0	1.2	.27	0	0	0	.23	18	21	14

CAL YR 1973 TOTAL 11,497.51 MEAN 31.5 MAX 420 MIN .24
WTR YR 1974 TOTAL 16,595.76 MEAN 45.5 MAX 1,200 MIN 0

02232400 St. Johns River near Cocoa, Fla.

LOCATION.--Lat 28°22'10", long 80°52'22", in SE quarter sec.25, T.24 S., R.34 E., Brevard County, near right bank on downstream side of bridge on State Highway 520, 0.6 mi (1.0 km) upstream from Taylor Creek, 0.7 mi (1.1 km) downstream from outlet of Lake Poinsett, 8.8 mi (14.2 km) west of Cocoa, and 232 mi (373 km) upstream from mouth.

DRAINAGE AREA.--1,331 sq mi (3,447 sq km).

PERIOD OF RECORD.--October 1953 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Oct. 1, 1959, nonrecording gage at site 3.7 mi (6.0 km) east on north shore of Lake Poinsett at datum 5.06 ft (1.542 m) higher.

AVERAGE DISCHARGE.--21 years, 1,094 cfs (30.98 cu m/s), 11.16 in/yr (283 mm/yr).

EXTREMES.--Current year: Maximum daily discharge, 4,140 cfs (117 cu m/s) Aug. 7; maximum gage height, 15.20 ft (4.633 m) Aug. 7; minimum daily, 76 cfs (2.15 cu m/s) May 5; minimum gage height, 8.82 ft (2.688 m) May 6, affected by wind.
Period of record: Maximum daily discharge, 10,700 cfs (303 cu m/s) Oct. 11, 1953; maximum gage height observed, 16.96 ft (5.169 m), present site and datum, Oct. 11, 1953; minimum daily discharge, 16 cfs (0.45 cu m/s) June 6, 1962; minimum gage height, 7.77 ft (2.368 m) Mar. 6, 1962, affected by wind.

REMARKS.--Records fair. Records include inflow from Taylor Creek. Gage heights are published as elevations for Lake Poinsett (sta 02232300) in reports of Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes." Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,150	2,460	1,280	697	328	159	119	87	135	721	3,590	2,430
2	2,160	2,450	1,250	685	321	158	120	86	135	960	3,800	2,410
3	2,110	2,450	1,240	672	309	156	125	79	135	1,390	3,820	2,390
4	2,080	2,430	1,200	656	284	157	122	83	135	1,700	3,820	2,410
5	2,020	2,380	1,180	644	279	152	114	76	135	1,900	3,830	2,440
6	2,010	2,350	1,130	628	287	149	101	77	134	2,100	3,950	2,470
7	2,010	2,320	1,080	612	271	147	118	86	134	2,240	4,140	2,470
8	2,050	2,290	1,060	593	256	144	117	96	134	2,380	4,010	2,470
9	2,110	2,230	1,040	589	237	141	106	98	116	2,460	3,920	2,460
10	2,120	2,120	1,030	578	235	137	107	103	116	2,620	3,830	2,470
11	2,160	2,090	1,000	563	234	136	126	113	108	2,970	3,800	2,480
12	2,160	2,030	970	537	231	125	131	95	108	3,250	3,760	2,520
13	2,140	2,010	965	520	225	118	120	88	126	3,670	3,690	2,520
14	2,100	1,970	941	524	223	121	112	100	120	3,790	3,550	2,500
15	2,080	1,930	930	505	217	142	102	97	126	3,830	3,430	2,500
16	2,070	1,890	908	497	210	126	98	102	138	3,860	3,300	2,470
17	2,030	1,850	874	482	197	121	99	120	143	3,810	3,170	2,450
18	2,200	1,830	885	472	204	126	102	126	149	3,780	3,100	2,420
19	2,270	1,780	874	459	206	127	104	120	149	3,820	3,030	2,380
20	2,300	1,750	874	453	193	126	110	120	149	3,720	2,950	2,360
21	2,400	1,720	810	440	199	121	117	120	137	3,600	2,900	2,360
22	2,410	1,670	816	427	188	120	113	119	136	3,590	2,860	2,320
23	2,370	1,610	816	422	176	131	96	113	106	3,650	2,860	2,270
24	2,350	1,590	805	415	169	127	94	113	143	3,490	2,740	2,850
25	2,380	1,540	810	402	159	127	84	119	157	3,430	2,700	3,160
26	2,410	1,520	800	395	145	121	88	119	168	3,510	2,660	3,650
27	2,450	1,470	769	386	150	126	91	118	204	3,470	2,580	3,910
28	2,490	1,430	749	376	158	121	93	124	308	3,500	2,560	3,990
29	2,410	1,320	739	363	------	115	90	124	474	3,510	2,530	3,870
30	2,410	1,300	729	350	------	105	89	130	612	3,630	2,480	3,720
31	2,430	------	720	337	------	114	------	136	------	3,580	2,450	------
TOTAL	68,840	57,780	29,274	15,679	6,291	4,096	3,208	3,287	5,070	93,931	101,810	81,120
MEAN	2,221	1,926	944	506	225	132	107	106	169	3,030	3,284	2,704
MAX	2,490	2,460	1,280	697	328	159	131	136	612	3,860	4,140	3,990
MIN	2,010	1,300	720	337	145	105	8[illegible]	76	106	721	2,450	2,270
CFSM	1.67	1.45	.71	.38	.17	.10	.08	.08	.13	2.28	2.47	2.03
IN.	1.92	1.61	.82	.44	.18	.11	.09	.09	.14	2.63	2.85	2.27

CAL YR 1973 TOTAL 363,562 MEAN 996 MAX 2,490 MIN 211 CFSM .75 IN 10.16
WTR YR 1974 TOTAL 470,386 MEAN 1,289 MAX 4,140 MIN 76 CFSM .97 IN 13.15

02232500 St. Johns River near Christmas, Fla.

LOCATION.--Lat 28°32'34", long 80°56'40", in SW quarter sec.29, T.22 S., R.34 E., Orange County, on left bank about 150 ft (46 m) downstream from bridge on State Highway 50, 0.3 mi (0.5 km) upstream from Tootoosahatchee Creek, 2 mi (3 km) upstream from Lake Cone, 4.5 mi (7.2 km) east of Christmas, and 209 mi (336 km) upstream from mouth.

DRAINAGE AREA.--1,539 sq mi (3,986 sq km), includes that of Tootoosahatchee Creek.

PERIOD OF RECORD.--October 1933 to current year. Prior to January 1934, monthly discharge only, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 1.62 ft (0.494 m) above mean sea level. Prior to July 23, 1934, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--41 years, 1,355 cfs (38.37 cu m/s), 11.96 in/yr (304 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,990 cfs (170 cu m/s) Aug. 7 (gage height, 8.08 ft or 2.463 m); minimum, 64 cfs (1.81 cu m/s) May 6 (gage height, 1.33 ft or 0.405 m).
Period of record: Maximum discharge, 11,700 cfs (331 cu m/s) Oct. 12, 1953; maximum gage height, 10.81 ft (3.295 m); no flow Mar. 22-27, Apr. 19 June 12, 13, 1939: minimum gage height, 0.48 ft (0.146 m) June 19, 1945.

REMARKS.--Records fair. Records do not include diversions through Ellis Canal into Indian River. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS.--WRD Fla. 1970: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,920	2,850	1,860	986	474	190	125	77	131	2,140	4,850	3,600
2	2,920	2,870	1,810	962	465	191	122	77	131	2,440	4,950	3,530
3	2,880	2,840	1,780	938	458	190	122	74	135	2,860	4,930	3,460
4	3,980	2,820	1,740	912	448	189	121	73	132	3,170	4,950	3,560
5	3,920	2,800	1,700	904	432	186	124	69	131	3,470	5,080	3,600
6	3,860	2,790	1,660	892	418	183	126	72	129	3,690	5,500	3,600
7	3,800	2,770	1,620	872	404	179	118	74	127	3,760	5,850	3,600
8	3,920	2,740	1,590	856	390	174	114	76	126	3,800	5,880	3,580
9	4,100	2,720	1,560	836	374	170	113	82	124	4,080	5,800	3,560
10	4,120	2,680	1,520	812	360	164	110	86	126	4,020	5,650	3,550
11	4,160	2,640	1,470	792	341	160	106	88	127	3,880	5,500	3,490
12	4,180	2,610	1,420	772	328	152	108	92	127	3,860	5,350	3,460
13	4,140	2,570	1,390	751	317	146	114	98	125	4,120	5,250	3,420
14	4,080	2,540	1,360	736	308	139	115	91	127	4,260	5,150	3,400
15	4,040	2,500	1,340	715	301	132	112	95	125	4,360	5,030	3,380
16	3,980	2,450	1,320	697	294	133	107	117	152	4,340	4,850	3,350
17	3,920	2,430	1,310	681	290	136	102	125	154	4,260	4,780	3,370
18	4,060	2,400	1,300	661	279	132	97	123	159	4,220	4,800	3,350
19	4,160	2,370	1,260	645	269	127	95	121	177	4,260	4,680	3,260
20	4,160	2,330	1,240	625	268	127	92	118	183	4,180	4,530	3,190
21	4,260	2,300	1,200	607	270	127	95	115	180	4,140	4,380	3,130
22	4,280	2,260	1,180	590	260	166	98	112	174	4,180	4,280	3,080
23	4,260	2,220	1,150	577	256	220	100	110	168	4,220	4,260	3,110
24	4,220	2,170	1,130	563	246	222	98	116	171	4,200	4,160	3,680
25	3,040	2,140	1,110	550	234	208	90	114	193	4,160	4,040	4,450
26	3,010	2,100	1,090	539	221	196	83	114	232	4,340	3,980	4,980
27	2,960	2,050	1,070	526	206	181	77	115	336	4,480	3,880	5,130
28	2,930	2,000	1,060	516	195	166	77	118	634	4,480	3,820	5,150
29	2,880	1,940	1,050	504	------	156	78	121	1,130	4,630	3,820	5,200
30	2,850	1,910	1,030	493	------	143	78	126	1,750	4,780	3,760	5,200
31	2,850	------	1,000	482	------	133	------	131	------	4,800	3,680	------
TOTAL	114,840	73,810	42,320	21,992	9,106	5,118	3,117	3,120	7,716	123,580	147,420	112,420
MEAN	3,705	2,460	1,365	709	325	165	104	101	257	3,986	4,755	3,747
MAX	4,280	2,870	1,860	986	474	222	126	131	1,750	4,800	5,880	5,200
MIN	2,850	1,910	1,000	482	195	127	77	69	124	2,140	3,680	3,080
CFSM	2.41	1.60	.89	.46	.21	.11	.07	.07	.17	2.59	3.09	2.43
IN.	2.78	1.78	1.02	.53	.22	.12	.08	.08	.19	2.99	3.56	2.72

CAL YR 1973 TOTAL 535,965 MEAN 1,468 MAX 4,280 MIN 320 CFSM .95 IN 12.96
WTR YR 1974 TOTAL 664,559 MEAN 1,821 MAX 5,880 MIN 69 CFSM 1.18 IN 16.06

02232500 St. Johns River near Christmas, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.30	7.27	6.55	5.47	3.99	2.55	2.04	1.48	1.89	6.44	7.63	7.05
2	7.30	7.28	6.51	5.43	3.95	2.56	2.01	1.47	1.89	6.59	7.67	7.01
3	7.29	7.26	6.47	5.39	3.92	2.56	2.01	1.45	1.92	6.8[illegible]	7.66	6.98
4	7.27	7.25	6.43	5.34	3.87	2.55	1.99	1.43	1.90	6.94	7.67	7.04
5	7.24	7.24	6.39	5.32	3.80	2.54	2.01	1.39	1.89	7.04	7.72	7.06
6	7.21	7.23	6.35	5.29	3.73	2.52	2.02	1.41	1.88	7.10	7.89	7.06
7	7.19	7.22	6.31	5.24	3.67	2.50	1.95	1.43	1.86	7.12	8.03	7.06
8	7.25	7.20	6.28	5.20	3.60	2.47	1.91	1.40	1.85	7.14	8.04	7.05
9	7.34	7.19	6.25	5.15	3.53	2.44	1.90	1.48	1.84	7.29	8.01	7.04
10	7.35	7.16	6.21	5.09	3.46	2.42	1.87	1.51	1.85	7.26	7.95	7.03
11	7.37	7.14	6.16	5.03	3.38	2.39	1.82	1.54	1.86	7.19	7.89	7.00
12	7.38	7.12	6.11	4.98	3.31	2.34	1.84	1.57	1.86	7.18	7.83	6.98
13	7.36	7.09	6.07	4.92	3.26	2.30	1.88	1.62	1.84	7.31	7.79	6.96
14	7.33	7.07	6.03	4.87	3.22	2.24	1.89	1.56	1.86	7.38	7.75	6.95
15	7.31	7.04	6.00	4.80	3.18	2.19	1.85	1.59	1.83	7.43	7.70	6.95
16	7.28	7.01	5.98	4.74	3.16	2.19	1.81	1.78	2.04	7.42	7.63	6.93
17	7.25	6.99	5.97	4.69	3.14	2.21	1.76	1.84	2.06	7.38	7.60	6.94
18	7.32	6.97	5.95	4.63	3.09	2.17	1.72	1.83	2.09	7.36	7.61	6.93
19	7.38	6.95	5.91	4.58	3.03	2.13	1.69	1.81	2.22	7.38	7.56	6.88
20	7.38	6.92	5.88	4.52	3.03	2.12	1.67	1.78	2.25	7.34	7.50	6.84
21	7.43	6.90	5.83	4.46	3.04	2.12	1.68	1.76	2.23	7.32	7.44	6.81
22	7.44	6.87	5.80	4.41	2.98	2.39	1.71	1.73	2.19	7.34	7.39	6.78
23	7.43	6.84	5.76	4.37	2.96	2.75	1.71	1.72	2.16	7.36	7.38	6.80
24	7.41	6.81	5.72	4.32	2.89	2.75	1.69	1.76	2.18	7.35	7.33	7.10
25	7.39	6.78	5.68	4.27	2.82	2.66	1.62	1.75	2.32	7.33	7.27	7.49
26	7.37	6.75	5.65	4.23	2.74	2.57	1.55	1.75	2.58	7.42	7.24	7.71
27	7.34	6.71	5.62	4.19	2.65	2.46	1.50	1.76	3.18	7.48	7.19	7.77
28	7.32	6.67	5.61	4.14	2.58	2.36	1.49	1.79	4.39	7.48	7.16	7.78
29	7.29	6.62	5.59	4.11	------	2.28	1.50	1.81	5.51	7.54	7.16	7.80
30	7.27	6.59	5.55	4.06	------	2.19	1.49	1.85	6.16	7.60	7.13	7.80
31	7.27	------	5.51	4.03	------	2.11	------	1.89	------	7.61	7.09	------
MEAN	7.32	7.00	6.00	4.75	3.29	2.39	1.79	1.64	2.39	7.26	7.58	7.12
MAX	7.44	7.28	6.55	5.47	3.99	2.75	2.04	1.89	6.16	7.61	8.04	7.80
MIN	7.19	6.59	5.51	4.03	2.58	2.11	1.49	1.39	1.83	6.44	7.09	6.78

CAL YR 1973 MEAN 5.50 MAX 7.44 MIN 2.82
WTR YR 1974 MEAN 4.89 MAX 8.04 MIN 1.39

02233001 Econlockhatchee River at Magnolia Ranch, near Bithlo, Fla.

LOCATION.--Lat 28°25'27", long 81°07'10", in SE quarter, sec. 4. T.24 S., R.32 E., Orange County, near center of span on downstream side of bridge on Wewahootee Road, 250 ft (76 m) downstream from Disston Canal and 7 mi (11 km) south of Bithlo.

DRAINAGE AREA.--32.9 sq mi (85.2 sq km).

PERIOD OF RECORD.--1960, 1964-67 (one discharge measurement each year), October 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum discharge, 122 cfs (3.46 cu m/s) July 8 (gage height, 61.73 ft or 18.815 m); no flow for many days; river dry at gage for many days.
Period of record: Maximum discharge, 122 cfs (3.46 cu m/s) July 8, 1974 (gage height 61.73 ft or 18.815 m); no flow for many days each year; river dry at gage for many days in each year.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56	30	5.9	4.1	.88	.20	.41	0	0	62	107	44
2	54	30	5.4	3.7	.83	.18	.38	.02	0	65	116	41
3	54	29	4.9	3.5	.78	1.6	.29	.01	0	76	118	38
4	50	28	4.7	2.9	.68	.14	.18	0	0	84	116	35
5	48	26	4.3	2.6	.64	.12	.14	0	0	93	115	36
6	47	25	4.1	2.4	.60	.09	.07	.02	0	110	116	39
7	45	23	3.7	2.3	.56	.08	.04	.05	0	119	116	41
8	48	21	3.5	2.1	.56	.07	.01	.05	0	121	115	42
9	50	20	3.7	2.0	.56	.07	0	.04	0	118	112	45
10	50	19	3.5	1.9	.53	.06	0	.04	0	116	106	59
11	49	18	3.1	1.8	.50	.04	0	.04	0	110	104	76
12	48	17	2.9	1.7	.47	.04	0	.03	0	104	104	80
13	46	17	2.7	1.9	.41	.04	0	.02	0	100	101	80
14	44	16	2.6	2.6	.35	.04	0	.01	0	92	95	79
15	42	15	2.4	2.6	.32	.04	0	.01	0	85	89	76
16	40	14	4.3	2.3	.38	.14	0	0	0	78	83	72
17	38	13	7.4	2.1	.50	.16	0	0	0	72	80	70
18	38	13	8.4	1.8	.44	.14	.01	0	0	68	80	65
19	45	12	8.2	1.7	.38	.18	.02	0	0	68	76	60
20	47	12	7.7	1.5	.41	.38	.02	0	0	66	74	56
21	51	12	7.4	1.4	.44	.47	.01	0	0	62	70	52
22	50	11	6.6	1.3	.47	.64	0	0	0	60	68	47
23	48	11	5.9	1.3	.47	.93	0	0	0	56	66	46
24	45	10	5.6	1.2	.47	.73	0	0	0	60	66	79
25	42	10	5.2	1.2	.41	.68	0	0	0	64	64	118
26	40	9.2	4.9	1.1	.32	.64	0	0	0	62	62	118
27	37	8.4	4.7	1.0	.29	.60	0	0	2.4	72	60	118
28	35	8.2	5.2	.98	.24	.56	0	0	43	77	58	116
29	33	7.2	4.9	1.0	------	.53	0	0	61	87	54	113
30	30	6.4	4.9	1.0	------	.53	0	0	62	113	50	112
31	28	------	4.5	.93	------	.50	------	0	------	112	47	------
TOTAL	1,378	491.4	153.2	59.91	13.89	10.62	1.58	.34	168.4	2,632	2,688	2,053
MEAN	44.5	16.4	4.94	1.93	.50	.34	.053	.011	5.61	84.9	86.7	68.4
MAX	56	30	8.4	4.1	.88	1.6	.41	.05	62	121	118	118
MIN	28	6.4	2.4	.93	.24	.04	0	0	0	56	47	35
AC-FT	2,730	975	304	119	28	21	3.1	.7	334	5,220	5,330	4,070

CAL YR 1973 TOTAL 7,310.23 MEAN 20.0 MAX 74 MIN 0 AC-FT 14,500
WTR YR 1974 TOTAL 9,650.34 MEAN 26.4 MAX 121 MIN 0 AC-FT 19,140

02233200 Little Econlockhatchee River near Union Park, Fla.

LOCATION.--Lat 28°31'29", long 81°14'39", in SW quarter sec.32, T.22 S., R.31 E., Orange County, near right bank on downstream side of bridge on Berry-Deese Road, 3,300 ft (1,000 m) upstream from a tributary, 3 mi (5 km) south of Union Park, 8.5 mi (13.7 km) east of Orlando, and 13 mi (21 km) upstream from mouth.

DRAINAGE AREA.--27.1 sq mi (70.2 sq km).

PERIOD OF RECORD.--October 1959 to current year.

GAGE.--Nonrecording gage. Datum of gage is 56.19 ft (17.127 m) above mean sea level. Prior to Jan. 12, 1960, nonrecording gage, and Jan. 12, 1960, to Oct. 20, 1972, water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--15 years, 26.0 cfs (0.736 cu m/s), 13.03 in/yr (331 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,000 cfs (28.3 cu m/s) June 28 (gage height, 10.40 ft or 3.170 m); minimum, 3.4 cfs (0.10 cu m/s) Mar. 22; minimum gage height, 5.38 ft (1.640 m) Mar. 21, 22, May 4.
Period of record: Maximum discharge, 1,640 cfs (46.4 cu m/s) Mar. 17, 1960 (gage height, 11.64 ft or 3.548 m); minimum, 0.10 cfs (0.003 cu m/s) June 6, 7, 1961; minimum gage height, 4.83 ft (1.472 m) May 14, 1967, May 6, 1971.

REMARKS.--Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	28	8.9	11	7.5	4.2	11	3.8	5.8	207	140	52
2	77	29	8.9	10	6.5	5.1	12	3.8	26	228	135	43
3	68	24	8.7	9.9	6.5	5.5	11	3.7	26	296	146	38
4	60	21	8.9	10	6.2	5.0	9.9	3.7	11	355	133	54
5	53	19	8.9	10	5.8	4.9	9.8	3.7	30	271	135	61
6	51	21	9.4	9.6	6.4	5.0	14	4.4	20	214	144	138
7	48	17	9.6	9.3	4.5	4.8	10	10	11	176	117	122
8	51	18	9.4	10	4.7	5.1	8.7	9.3	9.0	138	98	95
9	83	16	10	9.0	5.3	4.6	8.1	11	8.2	112	90	90
10	71	16	9.8	8.6	4.9	4.6	7.5	10	9.0	97	74	85
11	65	15	9.3	8.5	4.7	4.4	6.7	6.2	47	82	86	75
12	57	14	9.0	8.9	5.5	4.8	6.2	5.7	40	69	260	63
13	49	14	8.7	10	6.1	5.3	6.4	5.7	21	64	240	55
14	40	16	8.2	9.4	6.0	4.9	6.0	5.0	11	65	167	48
15	38	14	8.1	8.7	5.8	4.3	5.9	5.5	21	52	122	41
16	37	13	8.7	8.4	6.0	4.2	9.3	33	31	40	93	38
17	33	12	9.9	8.2	5.8	4.3	9.8	71	24	35	80	54
18	35	11	9.8	7.7	5.6	3.9	7.1	43	15	36	73	51
19	48	12	9.4	8.1	6.4	3.7	6.1	27	12	38	63	40
20	40	11	9.9	7.7	6.7	3.6	5.2	19	22	34	57	36
21	40	12	13	7.3	8.0	3.5	5.5	16	16	33	60	32
22	36	12	11	7.7	7.3	4.4	5.1	13	13	31	112	30
23	32	11	9.9	7.3	7.0	68	5.0	10	14	30	106	58
24	31	10	9.3	7.2	6.0	38	5.0	9.8	18	29	86	100
25	29	10	9.6	7.1	5.6	24	5.0	11	67	43	81	209
26	25	10	9.4	7.0	5.3	20	4.6	9.3	144	69	126	221
27	23	9.8	11	7.0	5.1	18	4.5	9.0	366	148	114	154
28	21	9.9	19	6.5	4.7	17	4.1	8.2	811	158	119	137
29	21	9.9	16	7.3	------	16	4.1	7.7	550	144	95	152
30	20	9.4	12	7.1	------	14	4.0	7.5	248	150	77	115
31	18	------	10	6.9	------	12	------	6.6	------	152	61	------
TOTAL	1,393	445.0	313.7	261.4	165.9	327.1	217.6	392.6	2,641.0	3,596	3,490	2,487
MEAN	44.9	14.8	10.1	8.43	5.93	10.6	7.25	12.7	88.0	116	113	82.9
MAX	93	29	19	11	8.0	68	14	71	811	355	260	221
MIN	18	9.4	8.1	6.5	4.5	3.5	4.0	3.7	5.8	29	57	30

CAL YR 1973 TOTAL 10,746.5 MEAN 29.4 MAX 465 MIN 6.1
WTR YR 1974 TOTAL 15,730.3 MEAN 43.1 MAX 811 MIN 3.5

PEAK DISCHARGE (BASE, 130 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-28	1800	10.40	1,000	8-27	2300	7.86	144
7-4	0100	9.02	432	9-6	0800	7.88	144
7-27	2100	8.10	180	9-25	2200	8.53	271
8-12	2000	8.60	290				

02233500 Econlockhatchee River near Chuluota, Fla.

LOCATION.--Lat 28°40'40", long 81°06'51", in SW quarter sec.10, T.21 S., R.32 E., Seminole County, near right bank on downstream side of bridge on State Highway 13, 2.6 mi (4.2 km) northeast of Chuluota and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--241 sq mi (624 sq km).

PERIOD OF RECORD.--October 1935 to current year. Monthly discharge only for October 1935, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 2.14 ft (0.652 m) above mean sea level (Corps of Engineers bench mark). Nov. 6, 1935, to May 17, 1939, and June 17, 1969, to July 21, 1971, nonrecording gage at same site and datum. May 18, 1939, to June 16, 1969, water-stage recorder at same site and datum. Since Sept. 3, 1943, water-stage recorder for St. Johns River above Lake Harney near Geneva (sta 0223400) used as auxiliary gage for this station.

AVERAGE DISCHARGE.--39 years, 274 cfs (7.760 cu m/s), 15.44 in/yr (392 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,850 cfs (109 cu m/s) June 30 (gage height, 14.33 ft or 4.368 m); minimum discharge, 14 cfs (0.40 cu m/s) June 3, 4; minimum gage height, 0.62 ft (0.189 m) Mar. 11.
Period of record: Maximum discharge, 11,000 cfs (312 cu m/s) Mar. 18, 1960 (gage height, 18.69 ft or 5.697 m); minimum, 6.7 cfs (0.19 cu m/s) June 11-13, 15, 1945; minimum gage height, 0.08 ft (0.024 m) May 10, 1968.

REMARKS.--Records good. Records include some flow diverted from Lake Mary Jane in Lake Okeechobee and the Everglades basins through Disston Canal.

REVISIONS (WATER YEARS).--WSP 892: 1939. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,340	121	58	100	53	53	60	30	21	3,030	1,460	373
2	1,090	128	55	91	53	52	56	29	17	2,180	1,450	304
3	848	135	55	85	53	51	53	28	15	1,770	1,510	254
4	623	13[illegible]	59	82	55	49	51	28	21	1,580	1,710	233
5	45[illegible]	132	64	84	52	48	50	28	50	1,620	1,720	218
6	346	126	66	86	50	47	49	28	42	1,600	1,530	240
7	281	119	67	84	50	46	50	28	39	1,510	1,430	339
8	243	112	69	82	49	45	52	28	43	1,400	1,390	426
9	263	105	72	79	48	43	50	28	34	1,390	1,330	447
10	282	101	76	77	49	41	47	29	31	1,370	1,180	459
11	300	96	75	75	50	38	42	37	36	1,230	1,040	482
12	297	92	80	75	49	41	38	38	76	1,070	1,000	452
13	280	88	97	74	49	42	36	34	130	964	1,250	387
14	252	87	84	72	49	40	36	28	125	823	1,400	356
15	223	86	73	70	49	38	38	29	99	701	1,320	351
16	199	85	72	68	47	40	38	31	86	603	1,120	342
17	182	85	72	66	47	43	39	50	93	530	921	330
18	168	84	74	64	46	42	37	69	94	485	782	311
19	166	82	78	63	47	41	36	81	87	520	644	290
20	180	80	79	62	54	41	38	76	84	523	539	266
21	198	79	83	61	73	40	39	60	128	471	473	237
22	224	79	94	60	77	43	39	50	127	430	504	215
23	237	78	96	59	72	54	39	44	99	416	524	202
24	246	76	87	58	67	105	38	41	82	398	513	365
25	247	75	81	57	63	145	37	33	91	393	466	787
26	227	73	79	56	59	142	37	24	182	469	454	1,040
27	199	72	78	55	57	117	35	34	530	644	452	1,450
28	174	72	83	54	55	96	34	39	1,160	947	462	1,730
29	153	73	108	53	------	82	32	32	2,660	1,340	463	1,670
30	135	66	127	53	------	72	31	30	3,750	1,370	456	1,560
31	125	------	115	53	------	65	------	25	------	1,360	435	------
TOTAL	10,178	2,817	2,456	2,158	1,522	1,842	1,257	1,169	10,032	33,137	29,928	16,116
MEAN	328	93.9	79.2	69.6	54.4	59.4	41.9	37.7	334	1,069	965	537
MAX	1,340	135	127	100	77	145	60	81	3,750	3,030	1,720	1,730
MIN	125	66	55	53	46	38	31	24	15	393	435	202
CFSM	1.36	.39	.33	.29	.23	.25	.17	.16	1.39	4.44	4.00	2.23
IN.	1.57	.43	.38	.33	.23	.28	.19	.18	1.55	5.11	4.62	2.49

CAL YR 1973 TOTAL 80,462 MEAN 220 MAX 1,490 MIN 41 CFSM .91 IN 12.42
WTR YR 1974 TOTAL 112,612 MEAN 309 MAX 3,750 MIN 15 CFSM 1.28 IN 17.38

02234000 St. Johns River above Lake Harney, near Geneva, Fla.

LOCATION.--Lat 28°42'50", long 81°02'08", in NE quarter sec.32, T.20 S., R.33 E., Seminole County, near left bank on downstream side of bridge on State Highway 46, 0.9 mi (1.4 km) downstream from Econlockhatchee River, 1 mi (2 km) upstream from Lake Harney, 5.5 mi (8.8 km) southeast of Geneva, and 190 mi (306 km) upstream from mouth.

DRAINAGE AREA.--2,043 sq mi (5,291 sq km).

PERIOD OF RECORD.--July 1941 to current year (gage heights). Published since 1962. July 1951 to September 1955 (discharge measurements). Miscellaneous discharge measurements for some periods prior to July 1951 and since October 1955.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark). Prior to Sept. 3, 1943, nonrecording gage, and Sept. 3, 1943 to Oct. 8, 1959, water-stage recorder at site 50 ft (15 m) downstream at same datum.

EXTREMES.--Current year: Maximum gage height, 7.48 ft (2.280 m) Aug. 10, 11; minimum, 0.03 ft (0.009 m) Apr. 22.
Period of record: Maximum gage height, 10.62 ft (3.237 m) Oct. 13, 1953; maximum discharge measured, 13,800 cfs (391 cu m/s) Oct. 7, 1953 (gage height, 10.05 ft or 3.063 m); minimum gage height, -0.42 ft (-0.128 m) June 18, 1945; minimum discharge measured, 72 cfs (2.04 cu m/s) June 6, 1956 (gage height, 0.20 ft or 0.061 m).
Flood in October 1924 reached a stage of 10.1 ft (3.08 m), from floodmark.

REVISIONS.--WRD Fla. 1966: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Apr. 30..... 107

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.86	4.75	3.20	1.96	.74	.71	.88	.26	.43	4.58	6.88	6.18
2	4.96	4.72	3.15	1.89	.69	.65	.76	.23	.42	4.86	6.91	6.10
3	5.00	4.67	3.09	1.82	.66	.59	.64	.22	.42	4.99	6.95	6.02
4	4.99	4.62	3.03	1.75	.67	.51	.51	.20	.42	5.09	7.00	5.94
5	4.96	4.58	2.97	1.70	.65	.44	.45	.17	.46	5.34	7.07	5.94
6	4.94	4.52	2.91	1.65	.62	.37	.55	.20	.54	5.54	7.30	5.91
7	4.91	4.48	2.86	1.60	.60	.31	.48	.26	.61	5.68	7.34	5.87
8	4.95	4.42	2.83	1.56	.63	.26	.41	.33	.64	5.82	7.37	5.85
9	5.12	4.36	2.81	1.52	.73	.22	.42	.37	.67	6.16	7.43	5.89
10	5.17	4.28	2.77	1.48	.75	.19	.41	.40	.69	6.38	7.46	5.88
11	5.18	4.24	2.74	1.44	.75	.16	.29	.36	.81	6.46	7.46	5.84
12	5.17	4.19	2.70	1.42	.76	.15	.18	.34	.83	6.51	7.44	5.81
13	5.15	4.14	2.67	1.40	.73	.24	.12	.43	.78	6.63	7.41	5.77
14	5.12	4.09	2.63	1.36	.71	.21	.10	.32	.72	6.63	7.37	5.72
15	5.08	4.05	2.59	1.33	.68	.18	.13	.28	.81	6.59	7.32	5.68
16	5.04	4.00	2.56	1.31	.66	.28	.14	.31	.86	6.55	7.25	5.62
17	4.98	3.96	2.57	1.29	.69	.44	.13	.35	.87	6.48	7.19	5.57
18	4.97	3.92	2.54	1.27	.62	.45	.12	.37	.89	6.42	7.15	5.52
19	4.96	3.87	2.49	1.23	.59	.40	.10	.35	.86	6.38	7.13	5.49
20	4.96	3.82	2.46	1.18	.78	.36	.10	.34	.83	6.32	7.09	5.45
21	4.99	3.78	2.49	1.13	.74	.32	.07	.30	.82	6.26	7.04	5.40
22	4.99	3.73	2.48	1.10	.70	.39	.05	.29	.84	6.24	6.97	5.32
23	4.98	3.67	2.43	1.06	.75	.45	.11	.32	.85	6.29	6.90	5.29
24	4.97	3.63	2.38	1.02	.71	.53	.19	.44	.86	6.25	6.82	5.67
25	4.97	3.57	2.32	.98	.74	.64	.23	.52	.97	6.21	6.75	6.06
26	4.95	3.51	2.25	.94	.80	.73	.22	.52	1.22	6.28	6.69	6.35
27	4.93	3.44	2.21	.90	.81	.81	.26	.54	1.87	6.52	6.62	6.58
28	4.90	3.39	2.21	.85	.76	.90	.27	.53	2.80	6.60	6.54	6.80
29	4.85	3.32	2.15	.82	------	.96	.28	.46	3.36	6.70	6.47	6.97
30	4.81	3.27	2.09	.79	------	1.03	.28	.47	3.89	6.80	6.38	7.05
31	4.77	------	2.02	.76	------	1.00	------	.48	------	6.84	6.28	------
MEAN	4.99	4.03	2.60	1.31	.70	.48	.30	.35	1.03	6.14	7.03	5.92
MAX	5.18	4.75	3.20	1.96	.81	1.03	.88	.54	3.89	6.84	7.46	7.05
MIN	4.77	3.27	2.02	.76	.59	.15	.05	.17	.42	4.58	6.28	5.29

CAL YR 1973 MEAN 2.71 MAX 5.18 MIN .46
WTR YR 1974 MEAN 2.93 MAX 7.46 MIN .05

02234324 Howell Creek near Slavia, Fla.

LOCATION.--Lat 28°38'51", long 81°15'53", in SE quarter sec. 21, T.21 S., R.30 E., Seminole County, at right bank on upstream side of box culvert on Red Bug Road, 0.2 mi (0.3 km) east of Tuskawilla Road, 2.1 mi (3.4 km) west of Slavia, and 4.6 mi (7.4 km) upstream from mouth.

DRAINAGE AREA.--29.2 sq mi (75.6 sq km).

PERIOD OF RECORD.--February 1972 to current year.

GAGE.--Water-stage recorder and culvert control. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Current year: Maximum discharge, 412 cfs (11.7 cu m/s) June 28 (gage height, 36.71 ft or 11.189 m); minimum, 7.8 cfs (0.22 cu m/s) May 2 (gage height, 32.48 ft or 9.900 m).
Period of record: Maximum discharge, 412 cfs (11.7 cu m/s) June 28, 1974 (gage height, 36.71 ft or 11.189 m); minimum, 7.5 cfs (0.21 cu m/s) May 12, 1972 (gage height, 32.47 ft or 9.897 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	22	11	18	15	11	17	9.0	11	298	79	55
2	91	22	11	18	15	11	17	9.0	12	293	78	51
3	87	22	11	19	15	11	16	9.3	13	303	82	48
4	82	21	11	20	14	11	15	9.0	14	304	82	49
5	78	20	12	20	12	11	15	9.0	15	288	86	52
6	73	20	12	20	13	11	15	9.0	16	271	85	63
7	71	18	12	20	13	11	13	9.0	16	241	78	67
8	81	18	13	20	13	11	13	9.0	15	225	73	89
9	101	17	13	20	13	11	13	9.3	16	202	69	100
10	87	16	13	20	12	11	12	9.3	23	186	66	79
11	78	16	13	20	12	11	12	9.0	45	170	67	82
12	72	16	12	20	13	11	11	9.0	49	151	90	118
13	65	14	12	20	12	11	11	8.6	47	132	91	141
14	59	13	13	20	12	10	11	8.6	46	116	82	124
15	54	13	13	19	12	9.7	11	9.3	54	102	73	105
16	50	13	13	19	12	9.7	12	10	59	87	68	94
17	46	13	13	18	11	10	13	10	60	92	66	85
18	43	13	12	18	11	10	12	10	60	128	65	77
19	39	13	12	18	12	9.7	12	10	56	137	63	71
20	36	13	13	18	16	9.7	12	9.7	53	122	60	66
21	35	13	17	17	15	9.7	11	9.7	50	106	58	60
22	33	13	16	16	15	11	11	9.0	47	100	56	55
23	31	13	15	16	14	15	11	9.7	44	92	54	55
24	30	13	15	16	14	19	11	12	44	80	57	68
25	28	13	15	16	13	22	10	12	61	72	71	75
26	26	13	15	16	12	20	10	12	80	84	77	74
27	24	13	16	15	11	19	9.7	12	226	89	71	74
28	24	12	18	15	11	20	9.3	11	370	92	68	80
29	24	12	18	15	------	20	9.0	11	343	96	66	82
30	24	11	18	15	------	19	9.0	11	301	84	69	77
31	24	------	18	15	------	18	------	11	------	81	62	------
TOTAL	1,689	459	426	557	363	404.5	364.0	305.5	2,246	4,824	2,212	2,316
MEAN	54.5	15.3	13.7	18.0	13.0	13.0	12.1	9.85	74.9	156	71.4	77.2
MAX	101	22	18	20	16	22	17	12	370	304	91	141
MIN	24	11	11	15	11	9.7	9.0	8.6	11	72	54	48
AC-FT	3,350	910	845	1,100	720	802	722	606	4,450	9,570	4,390	4,590

CAL YR 1973 TOTAL 12,947.0 MEAN 35.5 MAX 146 MIN 11 AC-FT 25,680
WTR YR 1974 TOTAL 16,166.0 MEAN 44.3 MAX 370 MIN 8.6 AC-FT 32,070

02234344 Howell Creek at State Highway 419 near Oviedo, Fla.

LOCATION.--Lat 28°41'23", long 81°14'52", in SE quarter sec. 6, T.21 S., R.30 E., Seminole County, at culvert on State Highway 419, 1.0 mi (1.6 km) upstream from mouth and 2.8 mi (4.5 km) northwest of Oviedo.

DRAINAGE AREA.--52.0 sq mi (134.7 sq km).

PERIOD OF RECORD.--May 1973 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 800 cfs (22.7 cu m/s) June 28, 1974; minimum measured, 18 cfs (0.51 cu m/s) May 29, 1974.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 23	70	Feb. 4	32	June 28	800
Nov. 12	35	Apr. 1	32	July 23	164
Dec. 10	34	May 29	18	Sept. 16	154

02234384 Soldier Creek near Longwood, Fla.

LOCATION.--Lat 28°43'07", long 81°18'32", in SW quarter sec. 27, T.20 S., R.30 E., Seminole County, on right downstream side of box culvert on State Highway 419, 50 ft (15 m) upstream from Seaboard Coast Line Railroad bridge, 1.2 mi (1.9 km) upstream from mouth, and 2.5 mi (4.0 km) northeast of Longwood.

DRAINAGE AREA.--21.2 sq mi (54.9 sq km).

PERIOD OF RECORD.--February 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Seminole County Engineer).

EXTREMES.--Current year: Maximum discharge, 356 cfs (10.1 cu m/s) June 27 (gage height, 13.62 ft or 4.151 m); minimum, 0.54 cfs (0.015 cu m/s) May 11, 12 (gage height, 7.59 ft or 2.313 m).
Period of record: Maximum discharge, 416 cfs (11.8 cu m/s) Sept. 13, 1973 (gage height, 14.41 ft or 4.392 m); minimum, 0.18 cfs (0.005 cu m/s) June 7, 1973 (gage height, 7.52 ft or 2.292 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	4.8	1.1	5.2	3.6	4.0	1.8	.93	.90	70	21	8.6
2	22	4.3	1.1	5.2	3.7	3.9	1.7	.93	1.5	111	21	8.6
3	19	3.8	1.2	5.4	3.6	3.5	1.4	.96	1.1	160	23	9.2
4	17	3.7	1.6	5.5	4.0	3.0	2.1	.93	.99	133	25	7.9
5	15	3.7	1.3	5.4	3.1	2.8	3.7	.75	1.0	106	26	14
6	14	3.5	1.8	5.5	2.6	2.7	2.3	1.1	.96	85	24	28
7	13	3.4	2.0	5.3	2.4	2.4	1.6	.86	.90	66	19	28
8	20	4.3	3.8	5.3	2.5	2.1	1.4	.75	.90	98	16	46
9	36	3.8	4.5	5.3	2.3	1.6	1.4	1.1	.86	95	15	65
10	30	3.5	3.7	5.8	2.5	1.6	1.3	.72	4.8	49	15	36
11	25	3.4	2.8	4.9	2.7	1.4	1.3	.61	32	36	27	20
12	23	3.0	2.9	4.7	2.6	2.7	1.2	1.4	23	30	73	21
13	20	2.9	3.0	4.5	2.4	7.5	1.2	1.8	11	27	58	21
14	19	2.7	2.7	4.7	2.2	5.7	1.2	1.1	6.8	22	33	19
15	18	2.2	3.3	4.2	2.0	2.4	1.1	1.6	30	16	22	17
16	16	2.1	4.1	3.9	5.9	3.3	3.0	1.7	25	7.1	15	16
17	14	2.7	4.3	3.9	5.1	3.1	2.7	2.8	17	6.2	24	17
18	12	3.3	4.0	3.5	3.2	2.8	1.5	2.1	16	16	25	16
19	11	3.7	3.2	3.4	17	2.3	1.3	1.6	16	19	21	13
20	10	2.6	8.2	3.7	23	2.0	1.1	1.1	13	13	17	11
21	9.2	2.2	10	4.2	14	1.7	1.1	.93	20	11	15	10
22	8.2	2.1	7.5	4.5	9.2	6.5	.96	.80	22	24	14	8.8
23	7.2	2.1	6.1	5.1	6.2	16	.90	3.1	13	32	13	9.4
24	5.8	2.0	5.7	4.8	5.2	15	.86	3.5	23	23	15	17
25	4.8	1.8	5.4	4.2	5.3	11	.75	2.1	70	22	19	22
26	4.1	1.8	5.2	4.0	6.8	8.4	.72	3.0	62	33	17	22
27	4.0	1.8	5.5	3.6	5.4	7.5	.90	2.6	237	62	15	19
28	4.0	2.6	6.4	3.1	4.8	7.3	1.1	1.2	221	35	12	22
29	4.8	3.5	5.9	2.9	------	6.2	1.3	.90	109	29	10	18
30	3.9	1.4	5.5	3.3	------	4.8	1.1	.78	79	27	8.6	13
31	4.1	------	5.0	3.6	------	3.1	------	.72	------	24	9.4	------
TOTAL	439.1	88.7	128.7	138.6	153.3	148.3	43.99	44.47	1,059.71	1,487.3	668.0	583.5
MEAN	14.2	2.96	4.15	4.47	5.48	4.78	1.47	1.43	35.3	48.0	21.5	19.5
MAX	36	4.8	10	5.8	23	16	3.7	3.5	237	160	73	65
MIN	3.9	1.4	1.0	2.9	2.0	1.4	.72	.61	.86	6.2	8.6	7.9
AC-FT	871	176	255	275	304	294	87	88	2,100	2,950	1,320	1,160

CAL YR 1973 TOTAL 4,313.19 MEAN 11.8 MAX 179 MIN .62 AC-FT 8,560
WTR YR 1974 TOTAL 4,983.67 MEAN 13.7 MAX 237 MIN .61 AC-FT 9,890

PEAK DISCHARGE (BASE, 100 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-11	2100	11.07	112	7-26	2400	11.71	159
6-27	1400	13.62	356	8-12	1800	11.90	174
7-3	1800	13.19	301	9-9	2300	11.26	125
7-8	2100	12.26	206				

02234400 Gee Creek near Longwood, Fla.

LOCATION.--Lat 28°42'14", long 81°17'27", in SE quarter sec. 38, T.20 S., R.30 E., Seminole County, on downstream side near center of box culvert on State Highway 419, 700 ft (210 m) upstream from Seaboard Coast Line Railroad bridge, 1.0 mi (1.6 km) upstream from mouth, and 3.5 mi (5.6 km) east of Longwood.

DRAINAGE AREA.--12.8 sq mi (33.2 sq km).

PERIOD OF RECORD.--February 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Seminole County Engineer).

EXTREMES.--Current year: Maximum discharge, 290 cfs (8.21 cu m/s) June 30 (gage height, 14.69 ft or 4.478 m); minimum, 1.8 cfs (0.051 cu m/s) Mar. 6; minimum gage height, 5.56 ft (1.695 m) Dec. 5.
Period of record: Maximum discharge, 290 cfs (8.21 cu m/s) June 30, 1974 (gage height, 14.69 ft or 4.478 m); minimum, 1.6 cfs (0.045 cu m/s) Aug. 3, 4, 1972; minimum gage height, 5.56 ft (1.695 m) Dec. 5, 1973.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	13	5.6	7.7	4.9	4.2	4.2	2.7	5.4	170	43	19
2	40	12	6.1	7.7	4.4	3.9	3.9	2.7	7.9	146	39	18
3	36	12	6.5	7.8	4.2	3.9	3.8	2.6	4.4	152	43	17
4	30	12	6.3	7.1	4.4	3.9	3.5	2.5	4.1	133	42	19
5	23	12	6.1	6.6	4.2	3.7	4.0	2.5	3.8	115	43	24
6	22	11	6.5	6.5	4.5	3.6	3.1	3.4	3.7	102	41	38
7	22	12	6.1	6.9	4.4	3.6	2.2	3.0	3.6	87	37	41
8	37	11	7.4	6.4	4.8	3.5	3.8	3.1	3.8	75	34	53
9	58	11	7.3	6.5	4.4	3.5	3.6	3.1	3.7	64	32	60
10	43	10	6.7	6.5	4.1	3.4	4.4	2.8	12	56	32	73
11	35	12	6.8	6.3	4.2	3.4	4.3	2.6	40	50	44	74
12	31	11	9.1	6.1	4.0	3.3	4.3	3.8	33	43	132	70
13	29	6.7	7.2	6.1	4.0	3.2	3.6	3.1	27	38	113	62
14	24	6.3	6.6	6.1	3.9	3.1	4.2	2.8	21	32	75	54
15	22	9.6	6.7	5.9	3.8	3.3	4.5	4.0	46	29	58	46
16	22	12	6.9	5.8	3.6	4.7	6.6	3.7	34	26	46	40
17	19	12	6.3	5.5	3.6	4.1	7.1	3.8	30	23	39	36
18	16	12	6.1	5.0	3.8	2.9	5.0	3.2	26	35	36	31
19	15	13	6.1	4.9	6.3	3.0	4.0	3.8	23	53	32	28
20	16	9.9	8.8	5.0	14	3.1	3.3	3.2	19	46	30	25
21	15	6.1	12	5.0	8.3	2.9	3.2	2.9	22	38	27	23
22	14	6.1	12	5.2	7.3	9.0	3.3	2.8	22	42	24	22
23	15	5.7	10	5.1	5.9	11	3.2	4.3	15	44	22	24
24	14	5.9	8.8	5.0	5.3	19	3.1	3.7	22	38	22	36
25	13	9.6	8.0	4.9	4.9	15	2.9	2.8	56	34	26	39
26	13	6.5	7.7	6.5	4.4	11	2.9	2.6	63	33	29	39
27	13	6.7	8.1	5.8	4.3	7.7	2.9	3.0	200	53	29	38
28	13	6.2	8.3	6.9	4.2	6.2	2.8	2.8	208	52	30	38
29	13	6.1	8.2	4.4	------	5.3	2.8	2.6	154	53	28	35
30	12	6.1	8.0	5.1	------	4.8	2.7	2.4	173	48	25	33
31	12	------	7.8	4.8	------	4.3	------	2.5	------	45	22	------
TOTAL	734	285.5	234.3	185.1	140.1	167.5	113.2	94.8	1,286.4	1,955	1,275	1,155
MEAN	23.7	9.52	7.56	5.97	5.00	5.40	3.77	3.06	42.9	63.1	41.1	38.5
MAX	58	13	12	7.8	14	19	7.1	4.3	208	170	132	74
MIN	12	5.7	5.6	4.4	3.6	2.9	2.2	2.4	3.6	23	22	17
AC-FT	1,460	566	465	367	278	332	225	188	2,550	3,880	2,530	2,290

CAL YR 1973 TOTAL 6,138.8 MEAN 16.8 MAX 156 MIN 3.1 AC-FT 12,180
WTR YR 1974 TOTAL 7,625.9 MEAN 20.9 MAX 208 MIN 2.2 AC-FT 15,130

PEAK DISCHARGE (BASE, 80 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-27	1300	14.39	274	8-12	1700	14.44	278
6-30	1900	14.69	290				

02234600 Wekiva Springs near Apopka, Fla.

LOCATION.--Lat 28°42'43", long 81°27'36", in NE quarter sec.36, T.20 S., R.28 E., Orange County, at head of Wekiva River, 4.1 mi (6.6 km) northeast of Apopka.

PERIOD OF RECORD.--1932-33, 1936, 1945-46, 1956, 1960-62 (one or two discharge measurements each water year), October 1968 to current year (discharge measurements only). Prior to October 1968, published as Wekiwa Springs.

AVERAGE DISCHARGE.--54 measurements, 74.6 cfs, 48.2 mgd (2.113 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 92 cfs (2.61 cu m/s) Oct. 17, 1960; minimum measured, 62 cfs (1.76 cu m/s) Apr. 27, 1956.

REMARKS.--Discharge measurements made at outlet of rock-walled pool about 200 ft (60 m) downstream from head of springs.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 2	79	Mar. 8	69	June 27	66
Nov. 21	71	May 9	64	Aug. 26	74
Jan. 15	70				

02234610 Rock Springs near Apopka, Fla.

LOCATION.--Lat 28°45'20", long 81°29'58", in NE quarter sec.15, T.20 S., R.28 E., Orange County, at head of Rock Springs Run, 5.7 mi (9.2 km) north of Apopka.

PERIOD OF RECORD.--1931-33, 1935-36, 1945-46, 1956, 1960-62, 1965-67, (one to four discharge measurements each water year), October 1968 to current year (discharge measurements only).

AVERAGE DISCHARGE.--62 measurements, 64.8 cfs, 41.9 mgd (1.835 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 83 cfs (2.35 cu m/s) Oct. 17, 1960; minimum measured, 52 cfs (1.47 cu m/s) Mar. 8, 1932, June 7, 1945.

REMARKS.--Discharge measurements made at outlet of concrete-walled pool about 1,000 ft (300 m) downstream from head of springs.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 2	65	Mar. 8	58	June 27	58
Nov. 21	67	May 9	57	Aug. 26	66
Jan. 19	63				

02234650 Miami Springs near Longwood, Fla.

LOCATION.--Lat 28°42'36", long 81°26'34", in NE quarter sec.31, T.20 S., R.29 E., Seminole County, at outlet of spring pool, 1,100 ft (335 m) upstream from Wekiva River and 5.9 mi (9.5 km) west of Longwood.

PERIOD OF RECORD.--1945, 1960 (one discharge measurement each water year), May 1973 to current year (discharge measurements only).

AVERAGE DISCHARGE.--11 measurements, 4.57 cfs, 2.95 mgd (0.129 cu m/s).

EXTREMES.--Period of record: Maximum measured discharge, 7.4 cfs (0.21 cu m/s) Oct. 17, 1960; minimum measured, 3.2 cfs (0.091 cu m/s) May 30, 1974.

REMARKS.--Discharge measurements made at outlet of pool.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 24	4.3	Apr. 4	3.7
Dec. 11	3.9	May 30	3.2
Feb. 5	3.7	July 24	4.1
		Sept. 17	4.5

02234815 Lake Wekiva Outlet near Maitland, Fla.

LOCATION.--Lat 28°36'09", long 81°25'38", in SW quarter sec.4, T.22 S., R.29 E., Orange County, near right bank on downstream side of bridge, 110 ft (33 m) upstream from concrete control structure, 200 ft (60 m) downstream from Lake Wekiva, 0.4 mi (0.6 km) upstream from culvert on U.S. Highway 441, 4.2 mi (6.8 km) southwest of Maitland, and 5.2 mi (8.4 km) upstream from mouth.

DRAINAGE AREA.--13.4 sq mi (34.7 sq km).

PERIOD OF RECORD.--August 1969 to May 1974 (discontinued).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 81.93 ft (24.972 m) above mean sea level (Florida Department of Transportation bench mark). Prior to June 8, 1972, at site 55 ft (17 m) downstream at same datum.

EXTREMES.--Maximum discharge during period October 1973 to May 1974, 116 cfs (3.29 cu m/s) Oct. 1 (gage height, 3.90 ft or 1.189 m, stage falling, peak occurred Sept. 30, 1973); no flow for many days; minimum gage height, 1.04 ft (0.317 m) May 4.
Period of record: Maximum discharge, 164 cfs (4.64 cu m/s) Sept. 1, 1972; maximum gage height, 4.04 ft (1.231 m) Sept. 30, 1973; no flow for many days each year; minimum gage height, 1.03 ft (0.314 m) May 24, 25, 1973.

REMARKS.--Records poor. Diversion above station, beginning in August 1972, at drop structure on west side of Lake Wekiva through underground culvert to Horseshoe Lake for ground-water recharge; amount of diversion not known since September 1972. Gage heights are published as elevations for Lake Wekiva (sta 02234814) in reports of Geological Survey entitled, "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes."

DISCHARGE, IN CUBIC FEET PER SECOND OCTOBER 1973 TO MAY 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87											
2	37											
3	8.8											
4	2.4											
5	.70											
6	.31											
7	.31											
8	.50											
9	1.2											
10	.43											
11	.70											
12	.43											
13	.37											
14	.10											
15	.02											
16	0											
17	0											
18	0											
19	0											
20	0											
21	0											
22	0											
23	0											
24	0											
25	0											
26	0											
27	0											
28	0											
29	0				------							
30	0				------							
31	0	------			------	------		------				------
TOTAL	140.27	0	0	0	0	0	0	0				
MEAN	4.52	0	0	0	0	0	0	0				
MAX	87	0	0	0	0	0	0	0				
MIN	0	0	0	0	0	0	0	0				
AC-FT	278	0	0	0	0	0	0	0				

CAL YR 1973 TOTAL 1,439.01 MEAN 3.94 MAX 132 MIN 0 AC-FT 2,850

02234990 Little Wekiva River near Altamonte Springs, Fla.

LOCATION.--Lat 28°41'13", long 81°23'50", in SE quarter sec. 3, T.21 S., R.29 E., Seminole County, on left bank at downstream side of culvert on State Highway 434, 250 ft (75 m) upstream from Sanlando Springs, 2.2 mi (3.5 km) northeast of Forest City, and 5.5 mi (8.8 km) upstream from mouth.

DRAINAGE AREA.--90.7 sq mi (234.9 sq km).

PERIOD OF RECORD.--February 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Seminole County Engineer).

EXTREMES.--Current year: Maximum discharge, 384 cfs (10.9 cu m/s) July 4 (gage height, 26.96 ft or 8.217 m); minimum, 4.8 cfs (0.14 cu m/s) Apr. 29 (gage height, 23.87 ft or 7.276 m).
Period of record: Maximum discharge, 384 cfs (10.9 cu m/s) July 4, 1974 (gage height, 26.96 ft or 8.217 m); minimum, 1.9 cfs (0.054 cu m/s) May 7, 1973 (gage height, 23.79 ft or 7.251 m).

REMARKS.--Records good. Flow regulated at times by citrus plant upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	176	18	11	10	17	13	13	11	10	308	66	35
2	182	18	8.5	13	17	13	17	11	11	338	69	32
3	168	16	12	15	16	11	16	11	11	328	65	29
4	139	12	12	15	13	9.7	15	14	39	350	62	27
5	114	15	12	15	15	13	17	15	33	372	67	40
6	92	16	14	15	14	13	12	9.2	23	342	71	53
7	81	16	14	12	14	12	9.4	13	18	296	71	53
8	81	15	16	11	14	11	11	19	15	286	72	71
9	78	14	12	11	15	11	12	19	14	251	72	79
10	72	14	15	11	12	9.7	12	17	22	207	65	96
11	69	10	15	11	13	8.4	11	15	32	166	64	116
12	61	12	15	13	12	9.3	7.5	11	28	130	62	124
13	53	12	14	15	11	9.7	7.2	11	24	109	62	119
14	48	14	13	15	13	9.6	9.9	13	29	93	59	109
15	45	14	13	13	14	11	8.2	21	64	86	56	98
16	42	14	13	15	14	11	14	18	43	88	56	92
17	40	14	13	14	11	9.1	16	19	47	92	53	90
18	38	10	12	13	13	9.3	14	15	47	100	52	84
19	35	14	12	14	26	11	14	11	39	103	51	77
20	31	15	20	14	22	11	13	11	38	90	50	71
21	27	17	21	13	18	12	13	13	41	79	49	65
22	27	11	19	15	18	25	11	13	35	72	48	57
23	29	12	18	15	17	27	12	16	29	66	49	54
24	27	12	15	15	12	30	12	15	39	61	47	55
25	25	9.2	14	15	11	28	12	9.2	69	58	50	62
26	23	12	15	15	13	24	11	8.8	87	57	52	65
27	19	10	19	15	13	21	11	11	185	64	51	65
28	15	12	19	12	13	21	8.1	12	204	66	48	69
29	19	11	17	14	------	22	6.6	12	251	69	45	67
30	17	11	15	16	------	20	9.4	12	269	69	42	66
31	16	------	12	16	------	14	------	12	------	67	38	------
TOTAL	1,888	400.2	450.8	426	411	459.8	355.3	418.2	1,796	4,863	1,763	2,120
MEAN	60.9	13.3	14.5	13.7	14.7	14.8	11.8	13.5	59.9	157	56.9	70.7
MAX	182	18	21	16	26	30	17	21	269	372	72	124
MIN	15	9.2	8.8	10	11	8.4	6.6	8.8	10	57	38	27
AC-FT	3,740	794	894	845	815	912	705	829	3,560	9,650	3,500	4,210

CAL YR 1973 TOTAL 12,052.1 MEAN 33.0 MAX 192 MIN 4.8 AC-FT 23,910
WTR YR 1974 TOTAL 15,351.3 MEAN 42.1 MAX 372 MIN 6.6 AC-FT 30,450

02234991 Sanlando Springs near Longwood, Fla.

LOCATION.--Lat 28°41'19", long 81°23'45", in SE quarter sec. 3, T.21 S., R.29 E., Seminole County, at north outlet of spring pool, 0.2 mi (0.3 km) upstream from Little Wekiva River and 3.0 mi (4.8 km) west of Longwood.

PERIOD OF RECORD.--1942, 1946, 1954, 1956, 1958, 1961 (one discharge measurement each water year), April 1972 to current year (discharge measurements only).

AVERAGE DISCHARGE.--26 measurements, 18.3 cfs, 11.8 mgd (0.518 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 33 cfs (0.93 cu m/s) Oct. 18, 1960; minimum measured, 4.3 cfs (0.12 cu m/s) Sept. 12, 1973.

REMARKS.--Discharge measurements made at outlets of concrete-walled pool. Flow regulated at pool outlets by boards.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 24	27	Apr. 4	16
Dec. 11	18	May 30	15
Feb. 5	20	July 24	26
		Sept 17	18

02234996 Palm Springs near Longwood, Fla.

LOCATION.--Lat 28°41'27", long 81°23'34", in NW quarter sec. 2, T.21 S., R.29 E., Seminole County, at outlet of spring pool, 200 ft (60 m) upstream from Little Wekiva River and 2.9 mi (4.7 km) west of Longwood.

PERIOD OF RECORD.--1942, 1954, 1956, 1961 (one discharge measurement each water year), April 1972 to current year (discharge measurements only).

AVERAGE DISCHARGE.--23 measurements, 9.80 cfs, 6.33 mgd (0.278 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 12 cfs (0.34 cu m/s) Oct. 18, 1960; minimum measured, 8.3 cfs (0.24 cu m/s) May 30, 1974.

REMARKS.--Discharge measurements made at outlet of concrete-walled pool. Flow regulated at outlet by boards. Discharge affected by backwater from Little Wekiva River at medium and high stages.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 24	9.1	Apr. 4	8.8
Dec. 11	10	May 30	8.3
Feb. 5	9.2	July 24	9.5
		Sept. 17	9.2

02234997 Starbuck Spring near Longwood, Fla.

LOCATION.--Lat 28°41'48", long 81°23'28", in NW quarter sec. 2, T.21 S., R.29 E., Seminole County, at outlet of spring pool, at edge of Little Wekiva River and 2.7 mi (4.3 km) west of Longwood.

PERIOD OF RECORD.--1944, 1960, 1961 (one discharge measurement each water year), April 1972 to current year (discharge measurements only).

AVERAGE DISCHARGE.--22 measurements, 17.3 cfs, 11.2 mgd (0.490 cu m/s).

EXTREMES.--Period of record: Maximum measured discharge, 55 cfs (1.56 cu m/s) Mar. 21, 1960, minimum measured, 12 cfs (0.34 cu m/s) May 30, 1974.

REMARKS.--Discharge measurements made at outlet of cement sandbag - walled pool. Flow regulated by wood plugs in control culverts. Discharge affected by backwater from Little Wekiva River immediately below control.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 24	16	Feb. 5	15	May 30	12
Dec. 11	14	Apr. 4	14	July 24	16

02235000 Wekiva River near Sanford, Fla.

LOCATION.--Lat 28°48'54", long 81°25'10", in SE quarter sec.21, T.19 S., R.29 E., Seminole County, near right bank at downstream side of bridge on State Highway 46, 4.5 mi (7.2 km) downstream from Little Wekiva River, 6.7 mi (10.8 km) upstream from mouth, and 8.9 mi (14.3 km) west of Sanford.

DRAINAGE AREA.--189 sq mi (490 sq km).

PERIOD OF RECORD.--October 1931 to September 1935 (discharge measurements only), October 1935 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4.68 ft (1.426 m) above mean sea level. Prior to Jan. 19, 1960, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--39 years (1935-74), 289 cfs (8.184 cu m/s).

EXTREMES.--Current year: Maximum discharge, 1,160 cfs (32.9 cu m/s) July 8 (gage height, 4.20 ft or 1.280 m); minimum, 198 cfs (5.61 cu m/s) May 1; minimum gage height, 1.75 ft (0.533 m) Mar. 13-16, 18, 19.

Period of record: Maximum discharge observed, 2,060 cfs (58.3 cu m/s) Sept. 16, 1945; maximum discharge measured, 1,760 cfs (4.98 cu m/s) Mar. 19, 1960; maximum gage height, 6.09 ft (1.856 m) Sept. 12, 1960; minimum discharge observed, 105 cfs (2.97 cu m/s) June 5-13, 1939; minimum discharge measured, 142 cfs (4.02 cu m/s) May 18, 1939; minimum gage height, 1.75 ft (0.533 m) Mar. 13-16, 18, 19, 1974.

REMARKS.--Records fair. Flow includes large ground-water inflow.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	518	252	232	258	243	214	210	198	232	910	371	320
2	482	246	232	258	240	212	208	200	232	875	380	312
3	462	240	230	258	240	214	208	200	234	955	386	318
4	442	238	234	258	236	212	208	201	238	1,080	410	323
5	426	236	243	261	234	212	206	207	256	1,080	440	344
6	406	238	246	261	234	212	208	208	250	1,080	452	468
7	394	236	246	258	234	212	206	210	244	1,080	431	520
8	402	238	252	255	234	210	206	210	244	1,140	401	648
9	490	238	258	252	234	210	204	214	244	1,090	380	704
10	506	246	249	255	232	214	204	212	248	980	374	640
11	462	243	246	255	230	212	204	210	275	870	365	564
12	414	240	246	255	230	208	202	216	275	810	383	492
13	370	238	243	258	228	206	202	218	262	775	416	440
14	338	236	243	255	228	204	202	214	262	700	395	413
15	318	236	240	252	228	204	202	218	305	640	374	389
16	306	236	246	252	228	206	204	226	312	568	374	374
17	294	238	249	249	226	206	206	232	295	500	380	392
18	288	236	246	249	224	204	206	230	315	452	401	389
19	279	238	243	246	232	204	204	226	315	419	389	398
20	273	240	249	246	264	204	204	224	298	395	377	392
21	270	240	267	243	255	204	202	226	292	377	365	371
22	267	238	264	243	236	206	202	224	292	371	356	353
23	267	236	258	240	224	232	202	226	290	368	350	344
24	264	236	255	243	220	236	200	232	298	350	347	380
25	261	234	252	243	216	238	200	232	437	338	356	484
26	255	234	255	240	214	226	200	230	544	335	353	468
27	252	234	261	240	212	220	200	228	790	332	350	437
28	252	234	270	240	214	228	200	230	1,020	338	347	460
29	249	234	270	238	------	226	200	232	1,040	344	338	504
30	249	234	267	240	------	220	200	230	980	350	332	500
31	246	------	261	240	------	216	------	230	------	359	326	------
TOTAL	10,702	7,143	7,753	7,741	6,470	6,632	6,110	6,794	11,319	20,261	11,699	13,141
MEAN	345	238	250	250	231	214	204	219	377	654	377	438
MAX	518	252	270	261	264	238	210	232	1,040	1,140	452	704
MIN	246	234	230	238	212	204	200	198	232	332	326	312

CAL YR 1973 TOTAL 113,380 MEAN 311 MAX 745 MIN 191
WTR YR 1974 TOTAL 115,765 MEAN 317 MAX 1,140 MIN 198

02235500 Blue Springs near Orange City, Fla.

LOCATION.--Lat 28°56'38", long 81°20'24", in NE half sec.8, T.18 S., R.20 E., Volusia County, on left bank of Blue Springs Run, 800 ft (240 m) upstream from St. Johns River, 0.2 mi (0.3 km) downstream from head of springs, and 2.5 mi (4.0 km) west of Orange City.

PERIOD OF RECORD.--March 1932 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is 0.74 ft (0.226 m) below mean sea level (levels by Corps of Engineers).

AVERAGE DISCHARGE.--360 measurements, 162 cfs, 105 mgd (4.588 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 214 cfs (6.06 cu m/s) Nov. 1, 1960; maximum gage height, 6.64 ft (2.024 m) Sept. 22, 1964, from floodmark; minimum discharge measured, 63 cfs (1.78 cu m/s) Nov. 6, 1935, but may be in error due to abnormal amount of backwater from St. Johns River causing adverse measuring conditions; minimum gage height observed, 0.28 ft (0.085 m) Apr. 4, 1945.

REMARKS.--Blue Springs Run is subject to variable backwater from St. Johns River.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 13	159	Feb. 20	172	June 18	151
Jan. 3	173	Apr. 22	171	Aug. 19	115

02236000 St. Johns River near De Land, Fla.

LOCATION.--Lat 29°00'29", long 81°22'58", in land grant 38, T.17 S., R.29 E., Lake County, near left bank on downstream side of Francis P. Whitehair Bridge on State Highway 44, 5 mi (8 km) west of De Land and 143 mi (230 km) upstream from mouth.

DRAINAGE AREA.--3,120 sq mi (8,080 sq km), approximately.

PERIOD OF RECORD.--October 1933 to current year. Monthly discharge only prior to February 1934, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (unadjusted). Prior to May 28, 1936, nonrecording gage at site of former Crows Bluff Bridge about 1,000 ft (300 m) downstream and May 28, 1936, to July 21, 1970, water-stage recorder at site 0.4 mi (0.6 km) downstream at datum 1.11 ft (0.338 m) lower. Since Oct. 1, 1959, water-stage recorder for station near Sanford (sta 02234500) used as auxiliary gage for this station.

AVERAGE DISCHARGE.--41 years, 3,212 cfs (90.96 cu m/s), 13.98 in/yr (355 mm/yr).

EXTREMES.--Current year: Maximum daily discharge, 8,680 cfs (246 cu m/s) Aug. 13; maximum gage height, 3.14 ft (0.957 m) Aug. 24; maximum daily reverse flow, 1,240 cfs (35.1 cu m/s) June 6; minimum gage height, -0.09 ft (-0.027 m) Mar. 21.
Period of record: Maximum daily discharge, 17,100 cfs (484 cu m/s) Oct. 15, 1953; maximum gage height, 6.06 ft (1.847 m), present datum, Oct. 11, 12 1953; maximum daily reverse flow, 3,030 cfs (85.8 cu m/s) Aug. 23, 1957; minimum gage height known since at least May 28, 1936, -0.59 ft (-0.180 m), present datum, Apr. 2, 1945.

REMARKS.--Records fair above 2,000 cfs (56.6 cu m/s) and poor below. Flow occasionally reversed as a result of tide and wind effect. Records of gage height for auxiliary station are published as elevations for Lake Monroe (sta 02234499) in reports of Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes."

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,350	4,890	3,700	3,190	1,530	1,700	2,310	820	827	4,350	7,380	8,040
2	4,620	5,050	3,810	2,970	1,530	1,910	2,300	921	827	4,740	7,570	8,010
3	4,760	5,180	3,720	2,800	1,200	2,100	2,230	584	454	5,030	7,620	7,930
4	4,800	5,190	3,590	2,390	-710	2,220	2,030	0	-595	5,260	7,630	7,820
5	4,680	5,170	3,630	2,260	592	1,810	1,610	0	-1,140	5,430	7,810	7,620
6	4,580	5,110	3,490	2,260	932	1,600	-930	-709	-1,240	5,610	7,880	7,280
7	4,470	4,930	2,850	2,130	591	1,200	1,210	-715	-463	5,690	8,040	7,030
8	4,240	4,750	2,490	1,930	288	1,010	1,530	-595	0	5,860	8,370	6,840
9	4,380	4,630	2,240	1,790	-1,040	917	450	-596	462	6,300	8,210	6,740
10	4,500	4,360	2,440	1,720	291	813	1,210	-458	726	6,630	8,330	6,560
11	4,590	3,970	2,170	1,870	833	813	1,530	1,130	1,650	6,690	8,350	6,420
12	4,670	3,580	2,760	1,790	1,220	0	1,290	1,760	1,720	6,790	8,500	6,350
13	4,670	3,580	3,100	1,650	1,040	-584	919	822	1,400	6,930	8,680	6,320
14	4,590	3,760	3,310	1,410	1,310	-825	814	452	943	6,910	8,530	6,280
15	4,580	3,930	3,300	1,490	1,700	-831	914	0	-294	6,830	8,480	6,310
16	4,620	4,080	2,720	1,650	1,690	-593	912	288	0	6,830	8,430	6,270
17	4,730	4,150	1,860	2,000	288	288	581	0	845	6,870	8,280	6,240
18	4,690	4,150	2,680	2,200	456	1,030	0	827	951	6,990	8,180	6,190
19	4,530	4,210	2,790	1,850	935	1,530	-285	827	1,050	7,080	8,180	6,160
20	4,290	4,200	2,790	1,710	1,040	1,520	286	826	844	6,980	8,190	6,190
21	4,170	4,190	2,480	1,710	1,710	1,660	286	-288	604	7,010	8,040	6,180
22	4,030	4,180	3,190	1,560	1,700	1,190	286	-831	844	6,930	7,990	6,140
23	3,730	4,060	3,600	1,560	1,030	-588	-449	-719	841	6,900	7,830	6,160
24	3,460	3,970	3,660	1,550	1,030	-1,220	285	-458	1,320	6,690	7,690	6,110
25	3,530	3,960	3,650	1,550	456	-837	-451	290	1,060	6,610	7,640	5,900
26	3,700	3,950	3,640	1,770	-292	-1,050	-591	290	614	6,600	7,730	5,920
27	3,840	4,020	3,460	1,700	1,310	-466	-289	0	1,710	6,840	7,820	6,160
28	4,060	4,040	3,370	1,830	1,630	0	454	290	2,910	6,960	7,900	6,480
29	4,050	3,450	3,440	1,900	------	1,050	0	290	3,510	7,050	7,930	6,530
30	4,210	3,620	3,390	2,090	------	1,320	589	290	3,880	7,310	8,000	7,220
31	4,610	------	3,290	1,750	------	2,070	------	934	------	7,410	8,070	------
TOTAL	134,750	128,310	96,610	60,030	24,290	20,757	21,031	6,272	26,260	200,110	249,280	199,700
MEAN	4,347	4,277	3,116	1,936	868	670	701	202	875	6,455	8,041	6,657
MAX	4,800	5,190	3,810	3,190	1,710	2,220	2,310	1,760	3,880	7,410	8,680	8,040
MIN	3,460	3,450	1,860	1,410	-1,040	-1,220	-930	-831	-1,240	4,350	7,380	5,900
CFSM	1.39	1.37	1.00	.62	.28	.21	.22	.06	.28	2.07	2.58	2.13
IN.	1.61	1.53	1.15	.72	.29	.25	.25	.07	.31	2.39	2.97	2.38

CAL YR 1973 TOTAL 1,083,328.00 MEAN 2,968 MAX 5,190 MIN -313 CFSM .95 IN 12.92
WTR YR 1974 TOTAL 1,167,400.00 MEAN 3,198 MAX 8,680 MIN -1,240 CFSM 1.03 IN 13.92

NOTE.--Negative figures indicate reverse flow.

02236000 St. Johns River near De Land, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.44	2.37	1.29	.45	.13	.40	.39	.18	.34	1.86	2.48	2.68
2	2.37	2.26	1.22	.45	.12	.30	.31	.13	.34	1.88	2.48	2.60
3	2.33	2.14	1.21	.46	.12	.19	.23	.09	.35	1.91	2.49	2.53
4	2.31	2.06	1.20	.50	.22	.11	.16	.11	.44	1.97	2.53	2.50
5	2.32	1.98	1.14	.52	.33	.07	.16	.12	.60	2.02	2.60	2.50
6	2.36	1.93	1.12	.51	.34	.05	.31	.19	.71	2.08	2.66	2.60
7	2.42	1.93	1.20	.52	.32	.05	.28	.35	.72	2.15	2.68	2.67
8	2.51	1.93	1.31	.57	.30	.05	.18	.42	.70	2.20	2.69	2.74
9	2.58	1.91	1.42	.60	.44	.04	.17	.48	.66	2.28	2.71	2.81
10	2.59	1.93	1.42	.63	.48	.03	.20	.50	.63	2.34	2.74	2.87
11	2.59	2.02	1.45	.61	.48	.02	.18	.38	.63	2.40	2.78	2.91
12	2.60	2.12	1.38	.60	.48	.00	.14	.20	.58	2.43	2.88	2.93
13	2.59	2.14	1.28	.62	.46	.10	.09	.23	.56	2.49	2.92	2.94
14	2.59	2.11	1.20	.69	.42	.30	.05	.27	.57	2.54	2.96	2.93
15	2.58	2.04	1.14	.69	.33	.44	-.02	.29	.71	2.57	2.99	2.92
16	2.55	1.95	1.16	.66	.23	.36	-.05	.32	.79	2.58	3.00	2.90
17	2.50	1.90	1.28	.57	.32	.30	-.02	.34	.76	2.57	3.03	2.90
18	2.50	1.86	1.26	.48	.40	.25	.06	.35	.74	2.55	3.05	2.88
19	2.54	1.78	1.22	.48	.40	.16	.12	.34	.74	2.53	3.05	2.88
20	2.57	1.74	1.21	.51	.49	.09	.15	.31	.74	2.50	3.07	2.86
21	2.64	1.69	1.21	.47	.46	-.02	.18	.33	.73	2.47	3.08	2.84
22	2.69	1.64	1.12	.48	.38	.00	.16	.43	.72	2.48	3.08	2.80
23	2.75	1.62	.98	.47	.42	.20	.14	.47	.67	2.52	3.08	2.75
24	2.81	1.60	.89	.46	.39	.49	.13	.49	.64	2.52	3.10	2.83
25	2.83	1.56	.82	.44	.41	.58	.20	.46	.84	2.51	3.09	3.01
26	2.83	1.51	.74	.39	.56	.72	.31	.43	1.04	2.49	3.08	3.09
27	2.80	1.44	.70	.34	.49	.82	.36	.41	1.40	2.46	3.04	3.12
28	2.75	1.34	.66	.26	.45	.84	.34	.45	1.63	2.44	2.98	3.12
29	2.69	1.38	.59	.20	------	.76	.31	.46	1.76	2.45	2.92	3.10
30	2.62	1.35	.54	.11	------	.66	.25	.43	1.80	2.43	2.84	3.08
31	2.50	------	.48	.10	------	.52	------	.38	------	2.44	2.76	------
MEAN	2.57	1.84	1.09	.48	.37	.29	.18	.33	.78	2.36	2.87	2.84
MAX	2.83	2.37	1.45	.69	.56	.84	.39	.50	1.80	2.58	3.10	3.12
MIN	2.31	1.34	.48	.10	.12	-.02	-.05	.09	.34	1.86	2.48	2.50

CAL YR 1973 MEAN 1.33 MAX 2.83 MIN .10
WTR YR 1974 MEAN 1.34 MAX 3.12 MIN -.05

02236110 Ponce de Leon Springs near De Land, Fla.

LOCATION.--Lat 29°08'02", long 81°21'47", in land grant 42, T.16 S., R.29 E., Volusia County, on north wall of pool, 20 ft (6 m) north of weir outlets to Springs Garden Lake, 1.2 mi (1.9 km) northwest of the town of De Leon Springs, 1.8 mi (2.9 km) upstream from Deep Creek, 8.1 mi (13.0 km) northwest of De Land, and 11 mi (18 km) upstream from St. Johns River.

PERIOD OF RECORD.--1929, 1932, 1946-47, 1956, 1961 (one discharge measurement each water year), December 1964 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (unadjusted). Prior to November 1964, at different datum.

AVERAGE DISCHARGE.--80 measurements, 30.9 cfs, 20.0 mgd (0.875 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 42 cfs (1.19 cu m/s) Apr. 23, 1946; maximum gage height observed, 4.68 ft (1.426 m) July 14, 1966; minimum discharge measured, 20 cfs (0.57 cu m/s) Mar. 7, 1932; minimum gage height observed, 3.40 ft (1.036 m) Mar. 6, 1967.

REMARKS.--Discharge measurements made at three outlets of concrete-walled pool. Flow regulated at outlets by boards.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 12	31	Feb. 19	29	June 17	26
Jan. 2	30	Apr. 18	27	Aug. 5	26

02236500 Big Creek near Clermont, Fla.

LOCATION.--Lat 28°26'51", long 81°44'25", in NE quarter sec.31, T.23 S., R.26 E., Lake County, near left bank 40 ft (12 m) downstream from log bridge, 1 mi (2 km) upstream from Lake Louisa, 7.5 mi (12.1 km) southeast of Clermont, and 131 mi (211 km) upstream from mouth.

DRAINAGE AREA.--68 sq mi (176 sq km), approximately.

PERIOD OF RECORD.--July 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 98.97 ft (30.166 m) above mean sea level.

AVERAGE DISCHARGE.--16 years, 35.5 cfs (1.005 cu m/s), 7.09 in/yr (180 mm/yr).

EXTREMES.--Current year: Maximum discharge, 114 cfs (3.23 cu m/s) July 8, 9 (gage height, 4.72 ft or 1.439 m); no flow May 2-6, 12-15; minimum gage height, 0.81 ft (0.247 m) May 15.
Period of record: Maximum discharge, 691 cfs (19.6 cu m/s) Sept. 13, 1960 (gage height, 6.23 ft or 1.899 m); no flow for many days in some years; minimum gage height, -0.19 ft (-0.058 m) May 23, 1966, affected by pumpage.

REMARKS.--Records good. Some interconnection at high stages with Little Creek and Withlacoochee River basin.

REVISIONS.--WSP 1724: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	5.0	4.5	25	4.1	2.1	1.0	.02	.33	49	106	37
2	78	5.8	4.2	22	3.8	1.9	.85	0	.29	63	106	34
3	74	5.7	3.9	20	3.5	1.7	.73	0	.29	72	104	31
4	69	5.4	3.7	18	3.3	1.6	.65	0	.29	81	100	30
5	63	5.1	3.4	18	3.0	1.5	.61	0	.29	91	100	36
6	56	5.0	3.3	18	2.8	1.4	.58	0	.30	101	98	42
7	50	4.7	3.3	17	2.6	1.3	.45	.11	.26	107	93	54
8	45	4.5	3.9	16	2.8	1.2	.42	.20	.40	110	86	68
9	40	4.3	4.9	15	3.0	1.2	.38	.15	.44	114	81	77
10	35	4.0	4.9	14	3.0	1.1	.32	.09	.45	112	75	85
11	31	3.7	4.7	13	3.0	1.0	.26	.02	.87	106	71	88
12	27	3.5	4.5	12	2.8	.90	.26	0	.70	99	68	88
13	23	3.3	4.3	12	2.6	.85	.23	0	.60	91	67	86
14	20	3.0	4.4	11	2.5	.77	.29	0	.55	82	63	80
15	17	2.8	4.8	10	2.4	.69	.23	0	.59	73	61	73
16	14	2.6	5.5	9.7	2.2	.65	.26	.26	.61	64	60	68
17	12	2.5	6.2	9.1	2.0	.61	.38	.48	.52	57	56	65
18	11	2.4	5.8	8.5	1.9	.58	.32	.66	.47	53	54	59
19	9.6	4.3	5.5	7.9	2.2	.55	.23	.51	.44	49	54	54
20	8.5	5.3	6.4	7.6	5.3	.52	.18	.43	.43	45	57	50
21	7.7	5.5	13	7.0	4.9	.48	.16	.38	.52	42	56	46
22	7.1	5.6	13	6.7	4.5	1.2	.16	.34	.83	39	54	43
23	6.5	5.9	13	6.3	4.2	2.2	.16	.37	.71	38	51	41
24	5.9	6.1	12	6.0	3.7	2.5	.16	.49	.88	42	49	41
25	5.3	6.0	12	5.6	3.3	2.8	.12	.80	2.8	61	48	42
26	4.9	5.9	12	5.4	2.9	2.3	.10	.65	4.1	70	47	43
27	4.4	5.6	14	5.1	2.6	2.0	.10	.56	18	73	46	45
28	4.0	5.4	29	4.8	2.3	1.7	.08	.51	27	83	45	51
29	3.7	5.2	31	4.5	------	1.5	.06	.46	30	98	44	54
30	3.3	4.8	29	4.4	------	1.4	.05	.41	37	106	42	55
31	3.1	------	27	4.3	------	1.2	------	.38	------	107	39	------
TOTAL	820.0	138.9	297.1	343.9	87.2	41.40	9.78	8.28	130.96	2,378	2,081	1,666
MEAN	26.5	4.63	9.58	11.1	3.11	1.34	.33	.27	4.37	76.7	67.1	55.5
MAX	81	6.1	31	25	5.3	2.8	1.0	.80	37	114	106	88
MIN	3.1	2.4	3.3	4.3	1.9	.48	.05	0	.26	38	39	30
CFSM	.39	.07	.14	.16	.05	.02	.005	.004	.06	1.13	.99	.82
IN.	.45	.08	.16	.19	.05	.02	.005	.004	.07	1.30	1.14	.91

CAL YR 1973 TOTAL 6,664.24 MEAN 18.3 MAX 91 MIN .65 CFSM .27 IN 3.65
WTR YR 1974 TOTAL 8,002.52 MEAN 21.9 MAX 114 MIN 0 CFSM .32 IN 4.38

02236900 Palatlakaha River at Cherry Lake Outlet, near Groveland, Fla.

LOCATION.--Lat 28°35'33", long 81°49'21", in NE quarter sec.8, T.22 S., R.25 E., Lake County, near left bank 21 ft (6 m) upstream from spillway at outlet of Cherry Lake, 3 mi (5 km) northeast of Groveland, and 116 mi (187 km) upstream from mouth.

DRAINAGE AREA.--165 sq mi (427 sq km).

PERIOD OF RECORD.--September 1956 to February 1957 (gage heights and discharge measurements only), March 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Gee and Jenson, Inc. bench mark). Auxiliary gage at downstream side of spillway structure.

AVERAGE DISCHARGE.--17 years, 54.5 cfs (1.543 cu m/s) 4.63 in/yr (118 mm/yr).

EXTREMES.--Current year: Maximum daily discharge, 96 cfs (2.72 cu m/s) Sept. 25; maximum gage height, 96.83 ft (29.514 m) Sept. 9, 10; no flow Oct. 1 to Sept. 10; minimum gage height, 94.10 ft (28.682 m) June 7.
Period of record: Maximum daily discharge, 584 cfs (16.5 cu m/s) Apr. 5, 1960; maximum gage height, 98.15 ft (29.916 m) Apr. 22, 1959; maximum daily reverse flow, 5.1 cfs (0.14 cu m/s) July 14, 1971; minimum gage height, 92.58 ft (28.218 m) Jan. 23, 1963.

REMARKS.--Records excellent. Since 1956, flow regulated by earthen dam and concrete spillway with radial lift gates at outlet. Gage heights are published as elevations for Cherry Lake (sta 02236880) in reports of Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes." See page for auxiliary record.

COOPERATION.--Gate-opening record furnished by Lake County Water Authority.

REVISIONS.--WSP 1704: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												0
2												0
3												0
4												0
5												0
6												0
7												0
8												0
9												0
10												0
11												40
12												93
13												90
14												89
15												89
16												88
17												87
18												86
19												86
20												86
21												86
22												86
23												86
24												91
25												96
26												95
27												94
28												93
29					------							94
30					------							94
31		------			------		------		------			------
TOTAL	0	0	0	0	0	0	0	0	0	0	0	1,749
MEAN	0	0	0	0	0	0	0	0	0	0	0	58.3
MAX	0	0	0	0	0	0	0	0	0	0	0	96
MIN	0	0	0	0	0	0	0	0	0	0	0	0
CFSM	0	0	0	0	0	0	0	0	0	0	0	.35
IN.	0	0	0	0	0	0	0	0	0	0	0	.39

CAL YR 1973 TOTAL 0.00 MEAN .00 MAX .0 MIN 0 CFSM .000 IN .000
WTR YR 1974 TOTAL 1,749.00 MEAN 4.79 MAX 96 MIN 0 CFSM .03 IN .39

02236901 Palatlakaha River below spillway at Cherry Lake Outlet, near Groveland, Fla.

LOCATION.--Lat 28°35'32", long 81°49'22", in NE quarter sec.8, T.22 S., R.25 E., Lake County, near left bank 20 ft (6 m) downstream from spillway at outlet of Cherry Lake, 3 mi (5 km) northeast of Groveland, and 116 mi (187 km) upstream from mouth.

DRAINAGE AREA.--165 sq mi (427 km).

PERIOD OF RECORD.--September 1956 to July 1957 (fragmentary) and August 1957 to current year (gage heights only). Published since October 1962. Prior to October 1968, published as Palatlakaha Creek at Cherry Lake Outlet, near Groveland (auxiliary).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Gee and Jenson, Inc. bench mark). Prior to Aug. 20, 1957, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum gage height, 95.46 ft (29.096 m) Sept. 29; minimum, 92.33 ft (28.142 m) May 15.
Period of record: Maximum gage height, 97.73 ft (29.788 m) Apr. 5, 1960; minimum, 90.65 ft (27.630 m) June 1, 1962.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.42	93.23	93.02	93.51	93.51	93.36	93.38	92.58	92.44	93.45	94.23	94.76
2	93.41	93.22	93.01	93.52	93.52	93.36	93.36	92.56	92.41	93.48	94.25	94.76
3	93.41	93.22	92.99	93.52	93.53	93.35	93.33	92.53	92.40	93.58	94.29	94.75
4	93.40	93.21	92.98	93.53	93.52	93.34	93.30	92.50	92.40	93.80	94.32	94.74
5	93.40	93.22	92.98	93.53	93.48	93.34	93.28	92.45	92.41	94.00	94.36	94.77
6	93.40	93.21	93.00	93.54	93.46	93.32	93.25	92.45	92.47	94.04	94.39	94.82
7	93.39	93.20	93.06	93.54	93.47	93.31	93.20	92.45	92.50	94.06	94.40	94.84
8	93.39	93.20	93.25	93.54	93.48	93.29	93.17	92.44	92.59	94.10	94.40	94.93
9	93.39	93.20	93.26	93.54	93.47	93.29	93.15	92.42	92.57	94.10	94.40	95.03
10	93.39	93.18	93.25	93.54	93.44	93.28	93.10	92.40	92.56	94.11	94.41	95.16
11	93.38	93.16	93.24	93.54	93.42	93.27	93.07	92.37	92.59	94.11	94.43	95.20
12	93.36	93.14	93.23	93.54	93.41	93.26	93.04	92.38	92.58	94.12	94.55	95.33
13	93.35	93.12	93.21	93.54	93.40	93.24	93.02	92.38	92.55	94.15	94.57	95.36
14	93.35	93.11	93.23	93.52	93.40	93.20	93.01	92.35	92.52	94.14	94.56	95.37
15	93.34	93.11	93.24	93.52	93.39	93.18	93.00	92.38	92.55	94.14	94.57	95.38
16	93.34	93.10	93.34	93.52	93.40	93.18	92.99	92.46	92.55	94.13	94.59	95.38
17	93.34	93.10	93.36	93.52	93.39	93.17	92.99	92.49	92.54	94.12	94.67	95.38
18	93.33	93.10	93.33	93.51	93.37	93.14	92.96	92.56	92.52	94.11	94.73	95.38
19	93.31	93.11	93.32	93.51	93.40	93.12	92.92	92.55	92.48	94.11	94.74	95.37
20	93.30	93.11	93.37	93.50	93.48	93.11	92.89	92.53	92.47	94.12	94.75	95.36
21	93.30	93.11	93.45	93.51	93.46	93.10	92.86	92.50	92.44	94.10	94.76	95.35
22	93.30	93.11	93.42	93.51	93.48	93.24	92.85	92.49	92.43	94.11	94.75	95.35
23	93.29	93.10	93.41	93.50	93.45	93.42	92.83	92.49	92.41	94.14	94.76	95.32
24	93.28	93.10	93.40	93.50	93.45	93.46	92.81	92.52	92.42	94.13	94.77	95.34
25	93.26	93.10	93.41	93.50	93.43	93.46	92.77	92.54	92.84	94.13	94.77	95.36
26	93.24	93.09	93.42	93.50	93.39	93.45	92.72	92.52	93.07	94.12	94.77	95.37
27	93.24	93.07	93.47	93.49	93.38	93.44	92.69	92.52	93.32	94.12	94.77	95.38
28	93.22	93.08	93.50	93.49	93.36	93.44	92.64	92.50	93.39	94.12	94.78	95.41
29	93.22	93.07	93.50	93.49	------	93.45	92.61	92.48	93.42	94.14	94.78	95.44
30	93.20	93.04	93.51	93.50	------	93.43	92.60	92.48	93.43	94.17	94.78	95.45
31	93.18	------	93.52	93.51	------	93.40	------	92.46	------	94.20	94.77	------
MEAN	93.33	93.14	93.28	93.52	93.44	93.30	92.99	92.48	92.64	94.05	94.58	95.19
MAX	93.42	93.23	93.52	93.54	93.53	93.46	93.38	92.58	93.43	94.20	94.78	95.45
MIN	93.18	93.04	92.98	93.49	93.36	93.10	92.60	92.35	92.40	93.45	94.23	94.74

CAL YR 1973 MEAN 93.57 MAX 94.19 MIN 92.56
WTR YR 1974 MEAN 93.50 MAX 95.45 MIN 92.35

02237000 Palatlakaha River near Mascotte, Fla.

LOCATION.--Lat 28°36'56", long 81°51'53", in SW quarter sec.36, T.21 S., R.24 E., Lake County, on left bank 260 ft (80 m) upstream from spillway, 0.4 mi (0.6 km) downstream from bridge on State Highway 565, 0.7 mi (1.1 km) downstream from Lake Emma, 3.2 mi (5.1 km) northeast of Mascotte, and 109 mi (175 km) upstream from mouth.

DRAINAGE AREA.--182 sq mi (471 sq km).

PERIOD OF RECORD.--May 1945 to March 1956, April 1964 to September 1965, October 1965 to current year (gage heights and discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to May 21, 1946, nonrecording gage and May 21, 1946, to Mar. 20, 1956, water-stage recorder, at site 0.5 mi (0.8 km) upstream at datum 89.54 ft (27.292 m) higher. Since Apr. 6, 1964, auxiliary water-stage recorder on left bank 260 ft (80 m) downstream from spillway.

AVERAGE DISCHARGE.--10 years (1945-55), 104 cfs (2.945 cu m/s), 7.85 in/yr (199 mm/yr).

EXTREMES.--Current year: No flow Oct. 1 to Sept. 12, gates closed; maximum gage height, 95.08 ft (28.980 m) Sept. 10, 11; minimum gage height, 92.23 ft (28.112 m) May 15.
Period of record: Maximum discharge, 458 cfs (13.0 cu m/s) Oct. 4, 5, 1945; maximum gage height, 96.66 ft (29.462 m), former site, present datum, Oct. 11, 12, 1953; gates closed and no flow for many days in 1972-74; minimum gage height observed, 91.68 ft (27.944 m), former site, present datum, June 19, 1945.

REMARKS.--Since Dec. 4, 1963, flow regulated at station by manipulation of gates in spillway. From March 1956 to December 1963, flow was regulated through two box culverts with sheet steel gates. See page for auxiliary record.

REVISIONS.--WRD Fla. 1972: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93.32	93.10	92.90	93.41	93.42	93.27	93.29	92.46	92.35	93.37	94.14	94.67
2	93.32	93.11	92.90	93.40	93.44	93.27	93.27	92.45	92.32	93.40	94.17	94.67
3	93.32	93.11	92.89	93.42	93.42	93.27	93.25	92.40	92.31	93.50	94.21	94.66
4	93.31	93.11	92.89	93.40	93.41	93.26	93.22	92.40	92.32	93.69	94.23	94.60
5	93.30	93.11	92.88	93.43	93.39	93.24	93.19	92.38	92.32	93.87	94.28	94.66
6	93.30	93.10	92.87	93.44	93.38	93.23	93.14	92.36	92.38	93.94	94.32	94.73
7	93.29	93.09	92.90	93.42	93.38	93.23	93.11	92.36	92.40	93.98	94.33	94.76
8	93.30	93.09	93.07	93.44	93.37	93.22	93.09	92.35	92.50	94.00	94.32	94.86
9	93.29	93.08	93.12	93.44	93.35	93.20	93.06	92.33	92.49	94.01	94.32	94.96
10	93.28	93.06	93.13	93.44	93.34	93.19	93.02	92.31	92.47	94.02	94.32	95.08
11	93.28	93.04	93.12	93.44	93.33	93.18	92.99	92.30	92.49	94.01	94.35	95.03
12	93.27	93.03	93.12	93.44	93.32	93.16	92.96	92.29	92.48	94.02	94.43	94.95
13	93.26	93.03	93.12	93.44	93.31	93.14	92.94	92.28	92.45	94.06	94.47	94.93
14	93.25	93.02	93.12	93.44	93.30	93.12	92.92	92.26	92.44	94.06	94.48	94.92
15	93.25	93.01	93.13	93.44	93.30	93.11	92.90	92.28	92.45	94.05	94.48	94.92
16	93.24	93.01	93.20	93.43	93.30	93.08	92.89	92.38	92.44	94.04	94.50	94.92
17	93.22	93.00	93.22	93.43	93.28	93.06	92.90	92.40	92.44	94.03	94.55	94.91
18	93.20	93.00	93.21	93.43	93.27	93.04	92.87	92.47	92.42	94.03	94.63	94.90
19	93.18	93.02	93.21	93.42	93.30	93.04	92.84	92.46	92.40	94.03	94.65	94.90
20	93.16	93.02	93.25	93.42	93.37	93.02	92.82	92.45	92.38	94.02	94.67	94.89
21	93.17	93.01	93.30	93.42	93.37	93.01	92.79	92.43	92.36	94.01	94.67	94.88
22	93.18	93.01	93.30	93.41	93.37	93.14	92.76	92.41	92.34	94.02	94.68	94.86
23	93.16	93.00	93.30	93.41	93.37	93.31	92.73	92.40	92.32	94.05	94.68	94.85
24	93.15	92.99	93.31	93.41	93.35	93.36	92.71	92.43	92.34	94.05	94.69	94.84
25	93.13	92.98	93.32	93.41	93.34	93.37	92.68	92.44	92.72	94.04	94.70	94.86
26	93.13	92.98	93.32	93.41	93.30	93.37	92.64	92.42	92.94	94.03	94.70	94.88
27	93.12	92.97	93.37	93.40	93.28	93.36	92.61	92.41	93.15	94.03	94.69	94.90
28	93.12	92.96	93.40	93.40	93.27	93.35	92.57	92.41	93.25	94.03	94.70	94.92
29	93.10	92.94	93.40	93.39	------	93.35	92.54	92.39	93.31	94.06	94.69	94.97
30	93.08	92.91	93.40	93.40	------	93.33	92.52	92.37	93.34	94.08	94.69	95.01
31	93.08	------	93.42	93.41	------	93.31	------	92.37	------	94.11	94.68	------
MEAN	93.22	93.03	93.16	93.42	93.34	93.21	92.91	92.38	92.54	93.96	94.50	94.86
MAX	93.32	93.11	93.42	93.44	93.44	93.37	93.29	92.47	93.34	94.11	94.70	95.08
MIN	93.08	92.91	92.87	93.39	93.27	93.01	92.52	92.26	92.31	93.37	94.14	94.60

CAL YR 1973 MEAN 93.46 MAX 94.10 MIN 92.24
WTR YR 1974 MEAN 93.38 MAX 95.08 MIN 92.26

02237001 Palatlakaha River below spillway, near Mascotte, Fla.

LOCATION.--Lat 28°36'57", long 81°51'58", in SW quarter sec.36, T.21 S., R.24 E., Lake County, on left bank 260 ft (80 m) downstream from spillway, 0.4 mi (0.6 km) downstream from bridge on State highway 565, 0.7 mi (1.1 km) downstream from Lake Emma, 3.2 mi (5.1 km) northeast of Mascotte, and 109 mi (175 km) upstream from mouth.

DRAINAGE AREA.--182 sq mi (471 sq km).

PERIOD OF RECORD.--April 1964 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height, 91.03 ft (27.746 m) Sept. 24; minimum, 87.28 ft (26.603 m) May 12.
Period of record: Maximum gage height, 92.93 ft (28.325 m) Jan. 16, 1970; minimum, 87.28 ft (26.603 m) May 12, 1974.

REVISIONS.--WRD Fla. 1972: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89.72	88.37	87.95	88.20	87.95	87.81	87.86	87.76	87.62	88.76	88.63	88.51
2	89.67	88.36	87.90	88.18	87.93	87.80	87.84	87.63	87.58	88.85	88.64	88.48
3	89.60	88.35	87.90	88.17	87.92	87.79	87.81	87.51	87.56	88.90	88.70	88.46
4	89.55	88.33	87.90	88.16	87.92	87.77	87.78	87.48	87.59	89.00	88.75	88.85
5	89.49	88.32	87.90	88.15	87.88	87.76	87.78	87.89	87.65	89.04	88.80	88.97
6	89.42	88.31	87.95	88.15	87.86	87.74	87.79	87.90	87.78	89.05	88.79	89.05
7	89.35	88.29	88.00	88.14	87.84	87.72	87.74	87.82	87.86	89.05	88.78	89.03
8	89.30	88.28	88.17	88.13	87.84	87.70	87.71	87.73	87.90	89.10	88.77	89.11
9	89.25	88.26	88.24	88.12	87.84	87.68	87.71	87.63	87.88	89.05	88.76	89.09
10	89.20	88.25	88.23	88.12	87.81	87.67	87.70	87.60	87.87	89.00	88.75	89.26
11	89.13	88.23	88.21	88.12	87.80	87.65	87.69	87.43	88.01	88.95	88.80	89.42
12	89.07	88.21	88.19	88.10	87.78	87.63	87.67	87.38	88.00	88.90	88.84	89.98
13	89.02	88.19	88.16	88.10	87.77	87.61	87.66	87.43	87.97	88.90	88.85	90.26
14	88.96	88.16	88.16	88.09	87.75	87.58	87.66	87.39	87.94	88.95	88.88	90.43
15	88.90	88.15	88.16	88.09	87.74	87.55	87.65	87.60	87.96	88.94	88.85	90.55
16	88.83	88.14	88.21	88.08	87.73	87.53	87.65	87.70	88.01	88.90	88.80	90.62
17	88.78	88.13	88.23	88.08	87.73	87.52	87.68	87.76	87.98	88.86	88.80	90.67
18	88.73	88.10	88.21	88.06	87.70	87.49	87.67	87.80	87.96	88.80	88.80	90.71
19	88.68	88.10	88.20	88.05	87.72	87.46	87.65	87.85	87.92	88.76	88.82	90.74
20	88.64	88.09	88.21	88.04	87.87	87.44	87.62	87.84	87.89	88.70	88.80	90.82
21	88.60	88.08	88.26	88.03	87.87	87.42	87.60	87.83	87.87	88.65	88.80	90.88
22	88.60	88.07	88.24	88.03	87.88	87.56	87.57	87.81	87.84	88.62	88.78	90.93
23	88.57	88.06	88.23	88.02	87.89	87.76	87.55	87.80	87.82	88.61	88.76	90.97
24	88.54	88.05	88.21	88.00	87.89	87.87	87.53	87.81	87.86	88.60	88.75	91.00
25	88.50	88.05	88.24	87.99	87.87	87.91	87.50	87.80	88.52	88.60	88.70	91.02
26	88.48	88.04	88.26	87.97	87.87	87.93	87.46	87.77	88.85	88.60	88.66	90.99
27	88.45	88.00	88.24	87.95	87.84	87.93	87.55	87.75	88.90	88.60	88.65	90.98
28	88.42	88.00	88.22	87.94	87.82	87.93	88.03	87.75	88.80	88.60	88.63	90.99
29	88.41	87.98	88.22	87.93	------	87.92	87.98	87.72	88.80	88.60	88.60	90.98
30	88.38	87.96	88.22	87.93	------	87.91	87.89	87.69	88.82	88.61	88.57	90.94
31	88.35	------	88.20	87.95	------	87.88	------	87.66	------	88.62	88.54	------
MEAN	88.92	88.16	88.15	88.07	87.83	87.71	87.70	87.69	88.03	88.81	88.74	90.09
MAX	89.72	88.37	88.26	88.20	87.95	87.93	88.03	87.90	88.90	89.10	88.88	91.02
MIN	88.35	87.96	87.90	87.93	87.70	87.42	87.46	87.38	87.56	88.60	88.54	88.46

CAL YR 1973 MEAN 88.52 MAX 91.10 MIN 87.74
WTR YR 1974 MEAN 88.33 MAX 91.02 MIN 87.38

02237293 Palatlakaha River at structure M-1, near Okahumpka, Fla.

LOCATION.--Lat 28°44'39", long 81°52'22", in SE quarter sec.14, T.20 S., R.24 E., Lake County, on left bank 150 ft (46 m) upstream from structure M-1, 270 ft (82 m) downstream from Seaboard Coast Line Railroad bridge, 0.3 mi (0.5 km) upstream from bridge on State Highway 48, 1.4 mi (2.3 km) east of Okahumpka, and 98.6 mi (255.4 km) upstream from mouth.

DRAINAGE AREA.--221 sq mi (572 sq km).

PERIOD OF RECORD.--January 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (unadjusted).

EXTREMES.--Current year: Maximum daily discharge, 51 cfs (1.44 cu m/s) Sept. 30; maximum gage height, 72.04 ft (21.958 m) Sept.30; no flow Nov. 10, Apr. 25 to May 8; minimum gage height, 70.29 ft (21.424 m) Nov. 10, caused by pumpage from gage pool.
Period of record: Maximum daily discharge, 486 cfs (13.8 cu m/s) Mar. 12, 1970; maximum gage height, 74.18 ft (22.610 m) Apr. 3, 1970; no flow for several days in 1972 and 1974; minimum gage height, 66.93 ft (20.400 m) Jan. 24, 1972, caused by temporary earth dam upstream.

REMARKS.--Records good. Flow regulated by manipulation of gates in spillway.

COOPERATION.--Gate-opening record furnished by Lake County Water Authority.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	2.8	1.4	2.5	1.8	1.5	2.5	0	.56	13	3.0	3.0
2	9.0	3.0	1.4	2.2	1.7	1.3	2.5	0	.40	9.8	3.2	2.8
3	8.6	2.8	1.7	2.0	1.5	1.0	2.2	0	.88	8.1	4.2	2.5
4	8.1	2.8	2.8	2.0	1.5	1.2	2.0	0	3.2	7.6	4.5	2.5
5	7.2	2.8	2.5	1.8	1.4	1.2	2.0	0	3.0	9.0	5.0	3.0
6	6.3	2.5	2.2	1.7	2.2	1.0	1.4	0	2.8	11	5.8	3.8
7	5.8	2.5	2.8	1.8	3.0	.72	1.2	0	2.0	9.8	5.8	3.8
8	6.3	2.2	3.5	1.5	3.0	.56	1.0	0	2.0	8.6	6.3	5.4
9	5.8	1.8	2.2	1.5	2.5	.88	1.0	.25	1.7	7.2	5.8	6.8
10	5.4	0	1.7	1.5	2.2	.88	.88	.40	1.8	5.8	6.3	9.8
11	5.0	.02	1.5	1.5	2.2	1.0	.72	.40	3.5	4.5	6.3	13
12	5.0	1.5	1.5	1.5	2.2	1.0	.88	1.2	3.5	4.5	5.8	16
13	4.2	1.7	1.5	1.5	2.2	.88	.88	2.0	2.8	5.0	5.0	36
14	4.2	1.8	1.5	1.5	2.2	.72	.88	2.0	2.0	5.0	4.5	8.6
15	4.0	2.0	1.7	1.2	2.2	.88	1.2	2.0	2.0	5.4	4.5	5.0
16	3.8	1.8	2.2	1.2	2.2	1.4	1.4	3.0	2.2	4.5	5.2	4.5
17	3.5	1.8	2.0	1.2	2.0	1.5	1.2	3.2	2.0	4.0	6.3	5.4
18	3.5	1.7	1.5	1.2	2.0	1.4	.88	2.8	1.7	3.5	6.8	5.8
19	3.2	1.7	1.4	1.2	2.7	1.2	.72	1.8	1.7	3.0	7.6	6.8
20	3.2	1.5	1.7	1.0	3.0	1.0	.40	1.7	1.5	2.8	8.1	9.0
21	3.2	1.5	2.8	1.0	3.2	1.0	.30	1.5	1.4	2.8	8.1	13
22	3.2	1.5	2.2	1.0	3.5	1.2	.20	1.4	1.2	2.5	8.1	19
23	3.0	1.5	2.0	1.0	2.8	1.7	.20	1.4	1.2	2.2	8.6	25
24	2.8	1.5	2.5	1.0	2.5	2.2	.10	1.5	2.0	2.0	9.0	30
25	2.5	1.7	3.8	1.0	2.5	1.8	0	1.5	6.8	2.0	8.1	35
26	2.5	1.5	4.0	1.2	2.2	1.7	0	1.4	15	2.0	6.8	39
27	2.2	1.5	4.2	1.7	1.8	1.7	0	1.3	29	2.0	4.8	43
28	2.0	1.5	3.8	2.2	1.7	1.7	0	.72	29	2.2	4.0	47
29	2.0	1.4	3.0	1.8	------	1.7	0	.72	23	2.2	3.8	50
30	2.2	1.4	3.0	1.8	------	1.8	0	.88	18	2.2	3.5	51
31	2.2	------	2.8	1.8	------	1.8	------	.72	------	2.5	3.2	------
TOTAL	141.9	53.72	72.8	47.0	63.9	39.52	26.64	33.79	167.84	156.7	178.0	505.5
MEAN	4.58	1.79	2.35	1.52	2.28	1.27	.89	1.09	5.59	5.05	5.74	16.9
MAX	12	3.0	4.2	2.5	3.5	2.2	2.5	3.2	29	13	9.0	51
MIN	2.0	0	1.4	1.0	1.4	.56	0	0	.40	2.0	3.0	2.5
CFSM	.02	.008	.01	.007	.01	.006	.004	.005	.03	.02	.03	.08
IN.	.02	.009	.01	.007	.01	.006	.004	.005	.03	.03	.03	.09

CAL YR 1973 TOTAL 2,680.91 MEAN 7.35 MAX 73 MIN 0 CFSM .03 IN .45
WTR YR 1974 TOTAL 1,487.31 MEAN 4.07 MAX 51 MIN 0 CFSM .02 IN .25

02237293 Palatlakaha River at structure M-1, near Okahumpka, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.54	71.33	71.26	71.33	71.29	71.33	71.32	71.00	71.21	71.55	71.34	71.34
2	71.50	71.34	71.26	71.33	71.28	71.31	71.32	70.98	71.20	71.51	71.35	71.33
3	71.49	71.33	71.28	71.33	71.27	71.24	71.31	70.95	71.22	71.48	71.39	71.32
4	71.48	71.33	71.33	71.33	71.27	71.25	71.30	70.94	71.35	71.47	71.40	71.32
5	71.46	71.33	71.32	71.33	71.26	71.25	71.30	70.95	71.34	71.50	71.41	71.34
6	71.44	71.32	71.31	71.33	71.31	71.24	71.26	70.95	71.33	71.53	71.43	71.37
7	71.43	71.32	71.33	71.31	71.34	71.22	71.25	70.98	71.30	71.51	71.43	71.37
8	71.44	71.31	71.36	71.27	71.34	71.21	71.24	71.08	71.30	71.49	71.44	71.42
9	71.43	71.27	71.31	71.27	71.32	71.23	71.24	71.18	71.28	71.46	71.43	71.45
10	71.42	70.61	71.28	71.27	71.31	71.23	71.23	71.20	71.29	71.43	71.44	71.51
11	71.41	70.86	71.27	71.27	71.31	71.24	71.22	71.20	71.36	71.40	71.44	71.55
12	71.41	71.27	71.27	71.27	71.31	71.24	71.23	71.25	71.36	71.40	71.43	71.59
13	71.39	71.29	71.27	71.27	71.31	71.23	71.23	71.30	71.33	71.41	71.41	71.84
14	71.39	71.31	71.27	71.27	71.31	71.22	71.23	71.30	71.30	71.41	71.40	71.48
15	71.38	71.33	71.28	71.25	71.31	71.23	71.25	71.30	71.30	71.42	71.40	71.41
16	71.37	71.33	71.31	71.25	71.31	71.26	71.26	71.34	71.31	71.40	71.42	71.40
17	71.36	71.33	71.30	71.25	71.30	71.27	71.25	71.35	71.30	71.38	71.44	71.42
18	71.36	71.33	71.27	71.25	71.30	71.26	71.23	71.33	71.28	71.36	71.45	71.43
19	71.35	71.33	71.26	71.25	71.32	71.25	71.22	71.29	71.28	71.34	71.47	71.45
20	71.35	71.27	71.28	71.24	71.34	71.24	71.20	71.28	71.27	71.33	71.48	71.50
21	71.35	71.27	71.33	71.24	71.35	71.24	71.19	71.27	71.26	71.33	71.48	71.55
22	71.35	71.27	71.31	71.24	71.36	71.25	71.18	71.26	71.25	71.32	71.48	71.62
23	71.34	71.27	71.30	71.24	71.33	71.28	71.18	71.26	71.25	71.31	71.49	71.70
24	71.33	71.27	71.32	71.24	71.32	71.31	71.17	71.27	71.30	71.30	71.50	71.76
25	71.32	71.28	71.37	71.24	71.32	71.29	71.15	71.27	71.45	71.30	71.47	71.82
26	71.32	71.27	71.38	71.25	71.32	71.28	71.13	71.26	71.57	71.30	71.45	71.88
27	71.31	71.27	71.39	71.28	71.32	71.28	71.11	71.27	71.75	71.30	71.41	71.93
28	71.30	71.27	71.37	71.31	71.33	71.28	71.09	71.22	71.75	71.31	71.38	71.97
29	71.30	71.26	71.34	71.29	------	71.28	71.06	71.22	71.68	71.31	71.37	72.01
30	71.31	71.26	71.34	71.29	------	71.29	71.03	71.23	71.61	71.31	71.36	72.03
31	71.31	------	71.33	71.29	------	71.29	------	71.22	------	71.32	71.35	------
MEAN	71.39	71.26	71.31	71.28	71.31	71.26	71.21	71.19	71.36	71.39	71.42	71.57
MAX	71.54	71.34	71.39	71.33	71.36	71.33	71.32	71.35	71.75	71.55	71.50	72.03
MIN	71.30	70.61	71.26	71.24	71.26	71.21	71.03	70.94	71.20	71.30	71.34	71.32

CAL YR 1973 MEAN 71.41 MAX 72.28 MIN 70.61
WTR YR 1974 MEAN 71.33 MAX 72.03 MIN 70.61

02237700 Apopka-Beauclair Canal near Astatula, Fla.

LOCATION.--Lat 28°43'20", long 81°41'06", in NW quarter sec.26, T.20 S., R.26 E., Lake County, near left bank 80 ft (24 m) upstream from lock and dam, 500 ft (150 m) upstream from bridge on county road, and 2.5 mi (4.0 km) east of Astatula.

DRAINAGE AREA.--184 sq mi (477 sq km).

PERIOD OF RECORD.--July 1942 to June 1948, discharge measurements only at site 1.5 mi (2.4 km) downstream, July 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. July 1942 to June 1948, nonrecording gage at site 1.5 mi (2.4 km) downstream at datum 60.68 ft (18.495 m) higher. March to June 1958, nonrecording gage at present site and datum. Since July 1958, auxiliary water-stage recorder at downstream side of lock and dam at same datum.

AVERAGE DISCHARGE.--16 years (1958-74), 94.3 cfs (2.671 cu m/s), 68,320 acre-ft/yr (84.2 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 477 cfs (13.5 cu m/s) July 13; maximum gage height, 67.79 ft (20.662 m) Oct. 8, affected by wind; gates closed and flow consists of lockage and leakage, estimated as less than 1 cfs (0.028 cu m/s) Aug. 5-18; minimum gage height, 65.01 ft (19.815 m) June 1, affected by wind.

Period of record: Maximum daily discharge, 754 cfs (21.4 cu m/s) Mar. 19, 1960; maximum gage height, 68.48 ft (20.873 m) Oct. 6, 1960; no flow for many days in 1964-66, 1968-69, 1971-72, 1974; minimum gage height, 63.70 ft (19.416 m) May 13, 1971, affected by wind.

REMARKS.--Records fair. Since May 1956, flow regulated at station by manipulation of gates in spillway.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	162	25	25	25	25	25	25	352	25	114	25
2	28	162	25	25	25	25	25	24	352	25	114	25
3	28	162	25	25	25	25	25	25	158	25	119	25
4	62	162	25	25	25	25	25	25	25	27	32	25
5	92	162	25	25	25	25	25	25	25	96	0	25
6	92	162	25	25	25	25	25	25	25	162	0	25
7	92	132	25	25	25	25	25	25	25	162	0	25
8	92	62	25	25	25	25	25	25	25	265	0	25
9	92	62	25	25	25	25	25	25	25	422	0	29
10	92	62	25	25	25	25	25	25	25	441	0	25
11	92	62	25	25	25	25	25	25	25	462	0	25
12	92	62	25	25	25	25	25	25	25	460	0	25
13	92	62	25	25	25	25	25	25	25	477	0	25
14	92	62	25	25	25	25	25	25	25	470	0	25
15	92	62	25	25	25	25	25	25	25	465	0	25
16	92	62	25	25	25	25	25	25	25	457	0	25
17	92	62	25	25	25	25	25	25	25	449	0	25
18	92	62	25	25	25	25	25	25	25	447	0	25
19	92	60	25	25	25	25	25	25	25	441	14	25
20	92	57	25	25	25	25	25	25	25	431	26	25
21	92	57	25	25	25	25	25	25	25	427	27	25
22	92	57	25	25	25	25	25	25	25	421	25	25
23	92	57	25	25	25	25	25	25	25	418	25	25
24	134	57	25	25	25	25	25	25	25	409	25	25
25	162	57	25	25	25	25	25	25	25	403	25	25
26	162	57	25	25	25	25	25	26	25	219	25	25
27	162	57	25	25	25	25	25	25	25	114	25	25
28	162	57	25	25	25	25	25	25	25	114	25	25
29	162	36	25	25	------	25	25	141	25	114	25	25
30	162	25	25	25	------	25	25	352	25	114	25	25
31	162	------	25	25	------	25	------	352	------	114	25	------
TOTAL	3,162	2,420	775	775	700	775	750	1,545	1,537	9,076	696	754
MEAN	102	80.7	25.0	25.0	25.0	25.0	25.0	49.8	51.2	293	22.5	25.1
MAX	162	162	25	25	25	25	25	352	352	477	119	29
MIN	28	25	25	25	25	25	25	24	25	25	0	25
AC-FT	6,270	4,800	1,540	1,540	1,390	1,540	1,490	3,060	3,050	18,000	1,380	1,500

CAL YR 1973 TOTAL 15,413 MEAN 42.2 MAX 198 MIN 25 AC-FT 30,570
WTR YR 1974 TOTAL 22,965 MEAN 62.9 MAX 477 MIN 0 AC-FT 45,550

02237700 Apopka-Beauclair Canal near Astatula, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67.44	66.84	66.55	66.90	66.83	66.65	66.65	66.08	65.50	67.00	66.65	66.79
2	67.42	66.86	66.58	66.90	66.87	66.66	66.66	66.05	65.50	67.06	66.67	66.79
3	67.38	66.84	66.58	66.90	66.83	66.67	66.70	66.02	65.67	67.07	66.67	66.78
4	67.34	66.85	66.60	66.91	66.68	66.69	66.68	66.00	65.82	67.10	66.70	66.78
5	67.30	66.82	66.64	66.92	66.76	66.67	66.57	65.99	65.82	67.06	66.79	66.77
6	67.29	66.77	66.53	66.94	66.82	66.67	66.35	65.98	65.79	67.05	66.83	66.78
7	67.28	66.83	66.47	66.91	66.80	66.65	66.50	66.00	65.81	67.03	66.88	66.78
8	67.32	66.88	66.55	66.90	66.70	66.65	66.52	66.01	65.89	66.92	66.89	66.80
9	67.34	66.84	66.63	66.94	66.60	66.64	66.43	66.01	65.88	66.76	66.86	66.82
10	67.31	66.70	66.63	66.94	66.65	66.63	66.43	66.03	65.89	66.65	66.87	66.85
11	67.30	66.73	66.56	66.92	66.64	66.63	66.50	66.14	65.95	66.47	66.84	66.88
12	67.31	66.76	66.63	66.89	66.68	66.52	66.50	66.02	65.95	66.46	66.85	66.90
13	67.29	66.78	66.67	66.88	66.66	66.50	66.45	65.92	65.96	66.56	66.87	66.90
14	67.24	66.78	66.66	66.91	66.67	66.54	66.44	65.98	65.96	66.52	66.87	66.90
15	67.23	66.77	66.68	66.90	66.66	66.60	66.38	66.05	66.05	66.49	66.87	66.93
16	67.23	66.75	66.64	66.89	66.63	66.50	66.38	66.08	66.11	66.45	66.85	66.91
17	67.18	66.73	66.55	66.88	66.58	66.40	66.37	66.05	66.16	66.41	66.85	66.92
18	67.12	66.75	66.67	66.89	66.64	66.43	66.35	66.07	66.20	66.40	66.85	66.94
19	67.10	66.73	66.69	66.89	66.75	66.44	66.36	66.06	66.22	66.37	66.83	66.94
20	67.07	66.75	66.76	66.90	66.73	66.45	66.37	66.05	66.20	66.32	66.82	66.93
21	67.09	66.75	66.65	66.90	66.81	66.43	66.37	66.04	66.17	66.30	66.81	66.93
22	67.11	66.73	66.73	66.87	66.76	66.52	66.33	66.04	66.17	66.26	66.80	66.92
23	67.02	66.70	66.78	66.89	66.70	66.67	66.26	66.00	66.15	66.25	66.81	66.92
24	66.94	66.71	66.80	66.89	66.66	66.67	66.21	65.96	66.31	66.20	66.79	66.91
25	66.93	66.72	66.80	66.86	66.59	66.68	66.19	65.93	66.52	66.17	66.77	66.91
26	66.94	66.71	66.84	66.90	66.60	66.65	66.18	65.92	66.66	66.50	66.78	66.90
27	66.95	66.69	66.85	66.85	66.63	66.69	66.19	65.90	66.86	66.65	66.78	66.90
28	66.95	66.64	66.88	66.87	66.66	66.70	66.19	65.95	66.95	66.61	66.79	66.91
29	66.81	66.44	66.89	66.82	------	66.65	66.15	65.83	66.95	66.65	66.80	66.91
30	66.83	66.55	66.90	66.83	------	66.60	66.11	65.51	66.99	66.65	66.80	66.92
31	66.89	------	66.91	66.82	------	66.64	------	65.53	------	66.70	66.80	------
MEAN	67.16	66.75	66.69	66.89	66.70	66.60	66.39	65.97	66.14	66.62	66.81	66.87
MAX	67.44	66.88	66.91	66.94	66.87	66.70	66.70	66.14	66.99	67.10	66.89	66.94
MIN	66.81	66.44	66.47	66.82	66.58	66.40	66.11	65.51	65.50	66.17	66.65	66.77

CAL YR 1973 MEAN 66.82 MAX 67.45 MIN 66.22
WTR YR 1974 MEAN 66.63 MAX 67.44 MIN 65.50

02237701 Apopka-Beauclair Canal below dam, near Astatula, Fla.

LOCATION.--Lat 28°43'22", long 81°41'06", in NW quarter sec.26, T.20 S., R.26 E., Lake County, near left bank at downstream end of lock, 300 ft (90 m) upstream from bridge on county road and 2.5 mi (4.0 km) east of Astatula.

DRAINAGE AREA.--184 sq mi (477 sq km).

PERIOD OF RECORD.--January 1957 to current year (gage heights only). Published since October 1962. Prior to October 1967, published as Apopka-Beauclair Canal near Astatula (auxiliary).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to July 14, 1958, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum gage height, 64.58 ft (19.684 m) July 13; minimum, 62.04 ft (18.910 m) May 12, affected by wind.
Period of record: Maximum gage height, 65.93 ft (20.095 m) Mar. 14, 1958; minimum, 60.59 ft (18.468 m) Feb. 19, 1957.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62.58	62.83	62.34	62.72	62.78	62.70	62.80	62.40	62.81	63.06	63.35	62.66
2	62.58	62.82	62.31	62.73	62.78	62.70	62.79	62.39	62.81	63.09	63.30	62.64
3	62.58	62.83	62.30	62.73	62.78	62.70	62.75	62.37	62.49	63.12	63.22	62.63
4	62.62	62.83	62.28	62.74	62.80	62.69	62.73	62.37	62.28	63.22	63.10	62.64
5	62.67	62.82	62.26	62.74	62.76	62.70	62.76	62.34	62.22	63.31	63.00	62.65
6	62.67	62.84	62.31	62.74	62.69	62.70	62.80	62.35	62.17	63.42	62.97	62.70
7	62.69	62.76	62.35	62.75	62.67	62.70	62.73	62.36	62.13	63.47	62.90	62.72
8	62.70	62.60	62.45	62.75	62.71	62.70	62.68	62.36	62.12	63.80	62.82	62.77
9	62.71	62.58	62.49	62.74	62.75	62.70	62.69	62.34	62.10	64.14	62.76	62.82
10	62.72	62.62	62.49	62.74	62.71	62.70	62.67	62.30	62.10	64.22	62.73	62.83
11	62.71	62.55	62.50	62.75	62.68	62.69	62.63	62.26	62.22	64.40	62.68	62.82
12	62.69	62.50	62.48	62.77	62.66	62.70	62.59	62.27	62.20	64.42	62.67	62.80
13	62.67	62.48	62.44	62.77	62.65	62.72	62.59	62.35	62.17	64.55	62.65	62.79
14	62.67	62.47	62.45	62.76	62.64	62.69	62.60	62.30	62.15	64.50	62.63	62.83
15	62.66	62.44	62.46	62.76	62.64	62.63	62.61	62.28	62.33	64.46	62.62	62.87
16	62.65	62.45	62.53	62.77	62.63	62.60	62.64	62.32	62.41	64.45	62.65	62.84
17	62.69	62.47	62.57	62.78	62.66	62.64	62.65	62.34	62.40	64.42	62.67	62.82
18	62.68	62.45	62.56	62.78	62.63	62.62	62.62	62.34	62.39	64.45	62.68	62.82
19	62.67	62.44	62.53	62.77	62.63	62.60	62.59	62.35	62.37	64.45	62.69	62.80
20	62.66	62.43	62.54	62.75	62.82	62.59	62.57	62.35	62.37	64.40	62.70	62.79
21	62.65	62.42	62.60	62.75	62.79	62.57	62.53	62.32	62.36	64.37	62.69	62.78
22	62.66	62.42	62.62	62.77	62.78	62.62	62.49	62.29	62.35	64.35	62.68	62.77
23	62.68	62.43	62.59	62.76	62.81	62.69	62.52	62.30	62.35	64.35	62.67	62.78
24	62.75	62.42	62.58	62.76	62.80	62.79	62.55	62.31	62.37	64.30	62.67	62.77
25	62.81	62.41	62.57	62.76	62.81	62.81	62.55	62.32	62.65	64.27	62.68	62.77
26	62.80	62.40	62.57	62.75	62.78	62.82	62.49	62.30	62.82	63.96	62.70	62.75
27	62.81	62.40	62.62	62.75	62.74	62.80	62.46	62.30	62.95	63.66	62.69	62.74
28	62.80	62.39	62.68	62.74	62.70	62.83	62.43	62.29	62.98	63.59	62.69	62.77
29	62.81	62.42	62.69	62.75	------	62.82	62.41	62.43	63.00	63.50	62.68	62.80
30	62.80	62.36	62.70	62.76	------	62.84	62.41	62.79	63.01	63.44	62.68	62.82
31	62.79	------	62.71	62.77	------	62.83	------	62.80	------	63.38	62.67	------
MEAN	62.70	62.54	62.50	62.75	62.72	62.71	62.61	62.36	62.44	63.95	62.78	62.77
MAX	62.81	62.84	62.71	62.78	62.82	62.84	62.80	62.80	63.01	64.55	63.35	62.87
MIN	62.58	62.36	62.26	62.72	62.63	62.57	62.41	62.26	62.10	63.06	62.62	62.63

CAL YR 1973 MEAN 62.82 MAX 63.31 MIN 62.26
WTR YR 1974 MEAN 62.74 MAX 64.55 MIN 62.10

02237802 Dora Canal at Tavares, Fla.

LOCATION.--Lat 28°48'39", long 81°44'33", in NE quarter sec. 30, T.19 S., R.26 E., Lake County, at bridge on U.S. Highway 441 just upstream from Lake Eustis, 0.9 mi (1.4 km) northwest of Tavares and 1.1 mi (1.8 km) downstream from Lake Dora.

DRAINAGE AREA.--238 sq mi (616 sq km).

PERIOD OF RECORD.--1958-59 (two or three discharge measurements each water year), October 1963 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 610 cfs (17.3 cu m/s) Mar. 25, 1958; maximum reverse flow measured, 54 cfs (1.53 cu m/s) May 24, 1968.

REMARKS.--Flow occasionally reversed as a result of wind effect.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 16	73	Apr. 17	79	Aug. 9	228
Jan. 7	0	June 14	0	Sept.30	0
Feb. 25	0				

02238000 Haines Creek at Lisbon, Fla.

LOCATION.--Lat 28°52'20", long 81°46'50", in NW quarter sec.2, T.19 S., R.25 E., Lake County, on left bank at upstream side of Burrell lock and dam, 900 ft (270 m) upstream from bridge on State Highway 44, 0.2 mi (0.3 km) south of Lisbon, 7 mi (11 km) northeast of Leesburg, and 82.7 mi (133.1 km) upstream from mouth.

DRAINAGE AREA.--648 sq mi (1,678 sq km).

PERIOD OF RECORD.--July 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Aug. 22, 1956, nonrecording gage at site 1,000 ft (300 km) downstream at datum 58.93 ft (17.962 m) higher and Aug. 22, 1956, to Mar. 5, 1957, at present datum. Mar. 6 to Oct. 8, 1957, nonrecording gage at present site and datum. Mar. 6 to Oct. 8, 1957, auxiliary nonrecording gage and since Oct. 9, 1957, auxiliary water-stage recorder at downstream side of lock and dam at present datum.

AVERAGE DISCHARGE.--14 years (1942-56), 292 cfs (8.269 cu m/s), 6.20 in/yr (157 mm/yr); 18 years (1956-74), 280 cfs (7.930 cu m/s); 202,900 acre-ft/yr (250 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 1,140 cfs (32.3 cu m/s) July 10; maximum gage height, 63.31 ft (19.297 m) July 7; minimum daily discharge, 3.0 cfs (0.085 cu m/s) Dec. 9-11, leakage only; minimum gage height, 61.62 ft (18.782 m) June 3.

Period of record: Maximum daily discharge, 1,350 cfs (38.2 cu m/s) Jan. 14, 15, 1970; maximum gage height, 64.50 ft (19.660 m) Apr. 5, 7, 8, 1960; no flow Sept. 21 to Dec. 22, 1956, result of temporary coffer dam upstream; minimum gage height, 56.84 ft (17.325 m), Jan. 20, 1957, former site and present datum; minimum discharge prior to closure of coffer dam, 66 cfs (1.87 cu m/s) Sept. 18, 1956 (gage height, 58.54 ft or 17.843 m, former site and present datum). Minimum daily discharge after closure of lock and dam, 2.0 cfs (0.057 cu m/s) Aug. 13, 30, Sept. 5, 6, 9, 11-14, 18, 1967, leakage only; minimum gage height, 60.30 ft (18.379 m) Mar. 12, 1957.

Maximum stage known, about 65.3 ft (19.90 m) in 1926, former site and present datum, from information by local residents.

REMARKS.--Records good above 50 cfs (1.42 cu m/s) and poor below. Since Dec. 23, 1956, flow regulated at station by manipulation of gates in spillway.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	96	54	31	32	29	29	160	662	29	1,070	31
2	28	96	55	31	30	31	29	184	662	30	1,070	30
3	28	96	55	31	31	33	30	192	259	30	1,070	28
4	29	97	54	31	30	30	29	192	28	32	1,070	28
5	28	96	54	31	29	31	30	194	27	96	718	28
6	28	95	54	32	30	32	29	191	27	208	209	29
7	29	96	54	31	30	30	30	191	27	211	159	30
8	28	96	26	32	29	30	28	191	29	488	29	29
9	28	96	3.0	31	28	31	28	131	30	984	28	30
10	28	95	3.0	31	28	31	28	94	28	1,140	30	30
11	28	96	3.0	30	29	31	29	95	27	1,120	29	29
12	28	94	21	30	30	30	29	94	27	1,120	28	29
13	30	94	55	30	30	30	29	58	27	1,120	28	30
14	30	94	55	30	30	28	32	27	28	1,110	29	31
15	29	96	54	30	29	29	111	27	28	1,110	29	31
16	29	94	54	31	29	29	297	27	31	1,100	30	29
17	28	96	39	31	29	31	297	27	28	1,100	29	29
18	28	96	28	32	71	29	156	30	28	1,100	31	29
19	29	96	29	31	98	61	28	28	27	1,090	28	29
20	29	94	28	32	60	85	30	27	27	1,090	29	30
21	29	94	28	31	30	84	32	27	28	1,090	28	31
22	28	95	28	30	29	84	28	27	29	1,090	28	32
23	28	96	29	31	30	54	28	28	30	1,090	28	29
24	57	96	28	32	31	31	29	27	28	1,080	29	29
25	95	96	29	30	30	30	29	28	28	1,080	31	29
26	95	95	30	32	29	30	43	287	29	1,080	28	29
27	97	94	28	32	28	30	97	512	30	1,080	28	29
28	97	94	28	30	29	31	99	512	29	1,080	29	30
29	95	69	29	31	------	30	94	565	30	1,080	28	30
30	95	54	32	30	------	30	94	669	32	1,070	28	30
31	96	------	31	30	------	33	------	668	------	1,070	30	------
TOTAL	1,382	2,792	1,098.0	958	968	1,158	1,901	5,510	2,350	26,198	6,058	887
MEAN	44.6	93.1	35.4	30.9	34.6	37.4	63.4	178	78.3	845	195	29.6
MAX	97	97	55	32	98	85	297	669	662	1,140	1,070	32
MIN	28	54	3.0	30	28	28	28	27	27	29	28	28
AC-FT	2,740	5,540	2,180	1,900	1,920	2,300	3,770	10,930	4,660	51,960	12,020	1,760

CAL YR 1973 TOTAL 54,849.0 MEAN 150 MAX 840 MIN 3.0 AC-FT 108,800
WTR YR 1974 TOTAL 51,260.0 MEAN 140 MAX 1,140 MIN 3.0 AC-FT 101,700

02238000 Haines Creek at Lisbon, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62.53	62.37	62.21	62.67	62.70	62.64	62.70	62.30	61.71	62.99	61.88	62.62
2	62.51	62.37	62.22	62.67	62.71	62.65	62.70	62.27	61.66	63.02	61.85	62.61
3	62.49	62.37	62.22	62.68	62.71	62.65	62.70	62.25	61.83	63.03	61.81	62.60
4	62.47	62.38	62.23	62.68	62.65	62.65	62.70	62.23	61.95	63.07	61.77	62.60
5	62.45	62.39	62.24	62.69	62.63	62.65	62.69	62.20	61.95	63.11	62.05	62.62
6	62.45	62.36	62.20	62.69	62.65	62.65	62.60	62.21	61.98	63.12	62.39	62.68
7	62.47	62.38	62.20	62.69	62.66	62.64	62.59	62.21	61.98	63.15	62.41	62.69
8	62.51	62.38	62.36	62.69	62.65	62.64	62.60	62.22	62.03	63.11	62.45	62.71
9	62.50	62.38	62.40	62.69	62.60	62.64	62.58	62.22	62.03	62.83	62.47	62.70
10	62.49	62.31	62.40	62.70	62.57	62.63	62.54	62.23	62.03	62.69	62.49	62.73
11	62.49	62.29	62.37	62.70	62.57	62.63	62.54	62.24	62.10	62.64	62.54	62.72
12	62.48	62.30	62.38	62.70	62.57	62.62	62.55	62.24	62.09	62.61	62.56	62.72
13	62.47	62.31	62.39	62.68	62.57	62.59	62.54	62.21	62.08	62.60	62.58	62.73
14	62.46	62.32	62.40	62.69	62.57	62.55	62.54	62.21	62.09	62.54	62.59	62.75
15	62.46	62.33	62.40	62.70	62.57	62.56	62.52	62.23	62.23	62.50	62.60	62.75
16	62.47	62.33	62.45	62.70	62.57	62.56	62.48	62.27	62.30	62.45	62.61	62.74
17	62.44	62.31	62.44	62.70	62.55	62.52	62.48	62.27	62.31	62.40	62.63	62.75
18	62.40	62.32	62.43	62.70	62.55	62.51	62.48	62.28	62.30	62.37	62.64	62.74
19	62.39	62.32	62.44	62.70	62.62	62.50	62.50	62.28	62.30	62.33	62.64	62.72
20	62.38	62.33	62.51	62.70	62.71	62.50	62.48	62.27	62.32	62.28	62.63	62.72
21	62.41	62.33	62.53	62.71	62.72	62.50	62.47	62.26	62.30	62.23	62.62	62.71
22	62.43	62.33	62.50	62.70	62.75	62.50	62.46	62.26	62.30	62.20	62.62	62.70
23	62.39	62.31	62.51	62.70	62.71	62.62	62.45	62.26	62.30	62.15	62.62	62.65
24	62.40	62.32	62.52	62.71	62.69	62.70	62.44	62.25	62.36	62.10	62.63	62.65
25	62.40	62.32	62.53	62.71	62.67	62.72	62.40	62.24	62.59	62.08	62.64	62.66
26	62.40	62.33	62.56	62.72	62.63	62.70	62.38	62.12	62.75	62.06	62.65	62.68
27	62.40	62.32	62.61	62.71	62.62	62.72	62.37	62.02	62.87	62.02	62.65	62.71
28	62.41	62.32	62.63	62.71	62.63	62.75	62.36	61.97	62.91	62.00	62.65	62.73
29	62.38	62.23	62.65	62.70	------	62.75	62.34	61.89	62.92	61.97	62.65	62.75
30	62.36	62.21	62.66	62.70	------	62.74	62.33	61.79	62.95	61.93	62.64	62.73
31	62.39	------	62.67	62.70	------	62.71	------	61.75	------	61.90	62.63	------
MEAN	62.44	62.33	62.43	62.70	62.64	62.63	62.52	62.18	62.25	62.50	62.47	62.70
MAX	62.53	62.39	62.67	62.72	62.75	62.75	62.70	62.30	62.95	63.15	62.65	62.75
MIN	62.36	62.21	62.20	62.67	62.55	62.50	62.33	61.75	61.66	61.90	61.77	62.60

CAL YR 1973 MEAN 62.67 MAX 63.17 MIN 62.20
WTR YR 1974 MEAN 62.48 MAX 63.15 MIN 61.66

02238001 Haines Creek below Burrell Dam, at Lisbon, Fla.

LOCATION.--Lat 28°52'20", long 81°46'50", in NW quarter sec.2, T.19 S., R.25 E., Lake County, on left bank at downstream side of Burrell lock and dam, 750 ft (230 m) upstream from bridge on State Highway 44, 0.2 mi (0.3 km) south of Lisbon, 7 mi (11 km) northeast of Leesburg, and 82.7 mi (133.1 km) upstream from mouth.

DRAINAGE AREA.--648 sq mi (1,678 sq km).

PERIOD OF RECORD.--March 1957 to current year (gage heights only). Published since October 1962. Prior to October 1967, published as Haines Creek at Lisbon (auxiliary).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Oct. 9, 1957, nonrecording gage at same site and datum.

EXTREMES.--Current year: Maximum gage height, 59.66 ft (18.184 m) Aug. 2; minimum, 56.73 ft (17.291 m) May 23, affected by wind.
Period of record: Maximum gage height, 61.48 ft (18.739 m) Oct. 9, 1960; minimum, 55.32 ft (16.862 m) Mar. 6,7,8, 1973, affected by wind.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57.54	57.40	57.56	57.51	57.49	57.50	57.46	57.41	58.06	57.80	59.61	57.54
2	57.53	57.41	57.56	57.50	57.50	57.50	57.45	57.44	58.11	57.73	59.63	57.51
3	57.51	57.42	57.56	57.52	57.49	57.50	57.45	57.45	57.77	57.65	59.61	57.50
4	57.49	57.43	57.57	57.53	57.47	57.50	57.45	57.46	57.51	57.62	59.61	57.50
5	57.48	57.47	57.58	57.54	57.42	57.50	57.46	57.48	57.51	57.67	59.20	57.55
6	57.46	57.44	57.58	57.55	57.41	57.50	57.43	57.50	57.59	57.75	58.67	57.70
7	57.47	57.46	57.60	57.56	57.44	57.50	57.37	57.52	57.57	57.82	58.52	57.70
8	57.49	57.47	57.75	57.55	57.47	57.49	57.37	57.54	57.57	58.25	58.39	57.66
9	57.48	57.48	57.71	57.55	57.45	57.49	57.37	57.50	57.61	59.02	58.34	57.60
10	57.47	57.43	57.61	57.55	57.39	57.49	57.30	57.48	57.60	59.29	58.23	57.60
11	57.46	57.43	57.50	57.54	57.38	57.49	57.27	57.47	57.62	59.34	58.16	57.58
12	57.44	57.44	57.48	57.53	57.36	57.51	57.27	57.54	57.59	59.36	58.07	57.56
13	57.43	57.45	57.50	57.53	57.36	57.45	57.29	57.46	57.54	59.40	58.01	57.53
14	57.42	57.46	57.52	57.52	57.36	57.40	57.30	57.43	57.51	59.42	57.91	57.50
15	57.41	57.48	57.53	57.52	57.36	57.38	57.39	57.45	57.68	59.42	57.82	57.48
16	57.40	57.49	57.68	57.52	57.40	57.44	57.55	57.50	57.70	59.44	57.72	57.47
17	57.37	57.49	57.74	57.52	57.37	57.42	57.60	57.51	57.65	59.45	57.67	57.48
18	57.33	57.50	57.66	57.52	57.36	57.39	57.52	57.45	57.59	59.46	57.60	57.48
19	57.31	57.52	57.66	57.51	57.48	57.39	57.40	57.30	57.54	59.47	57.53	57.47
20	57.30	57.52	57.68	57.50	57.55	57.40	57.37	57.16	57.52	59.48	57.52	57.48
21	57.33	57.54	57.77	57.51	57.53	57.42	57.36	57.03	57.52	59.48	57.52	57.48
22	57.34	57.55	57.67	57.50	57.60	57.40	57.35	56.93	57.52	59.49	57.52	57.47
23	57.33	57.55	57.63	57.50	57.55	57.53	57.37	56.86	57.53	59.49	57.52	57.44
24	57.35	57.56	57.58	57.50	57.57	57.59	57.39	56.80	57.62	59.48	57.53	57.44
25	57.36	57.58	57.54	57.50	57.56	57.52	57.34	56.77	58.00	59.50	57.55	57.46
26	57.37	57.59	57.53	57.50	57.50	57.50	57.33	57.17	58.07	59.55	57.59	57.47
27	57.38	57.59	57.70	57.50	57.49	57.52	57.34	57.53	58.19	59.55	57.60	57.50
28	57.39	57.63	57.74	57.50	57.49	57.58	57.34	57.55	58.12	59.57	57.59	57.51
29	57.42	57.60	57.68	57.49	------	57.62	57.35	57.69	58.01	59.59	57.58	57.54
30	57.40	57.56	57.59	57.49	------	57.60	57.36	57.95	57.92	59.60	57.57	57.52
31	57.41	------	57.52	57.50	------	57.50	------	58.00	------	59.59	57.56	------
MEAN	57.42	57.50	57.61	57.52	57.46	57.48	57.39	57.40	57.71	59.02	58.10	57.52
MAX	57.54	57.63	57.77	57.56	57.60	57.62	57.60	58.00	58.19	59.60	59.63	57.70
MIN	57.30	57.40	57.48	57.49	57.36	57.38	57.27	56.77	57.51	57.62	57.52	57.44

CAL YR 1973 MEAN 57.47 MAX 59.49 MIN 55.37
WTR YR 1974 MEAN 57.68 MAX 59.63 MIN 56.77

02238499 Oklawaha River above Moss Bluff Dam, at Moss Bluff, Fla.

LOCATION.--Lat 29°04'52", long 81°52'51", in SW quarter sec.23, T.16 S., R.24 E., Marion County, at upstream side of spillway structure of Moss Bluff Dam, 0.3 mi (0.5 km) upstream from bridge on State Highway 464, 0.4 mi (0.6 km) southwest of Moss Bluff, 3.9 mi (6.3 km) northeast of Oklawaha, and 64.3 mi (103.5 km) upstream from mouth.

DRAINAGE AREA.--879 sq mi (2,277 sq km), revised.

PERIOD OF RECORD.--October 1965 to June 1967 and October 1969 to current year (gage heights only).

GAGE.--Dual water-stage recorder. Datum of gage is at mean sea level. Oct. 20, 1965, to June 8, 1967, at datum 0.12 ft (0.037 m) lower and Oct. 1, 1969, to Mar. 5, 1971, at datum 0.30 ft (0.091 m) higher. This is the auxiliary gage for station 02238500 located at downstream side of spillway structure.

EXTREMES.--Current year: Maximum gage height, 57.94 ft (17.660 m) Dec. 20; minimum, 56.25 ft (17.145 m) May 19.
Period of record: Maximum gage height, 59.80 ft (18.227 m) Dec. 10, 1969; minimum, 45.45 ft (13.853 m) Mar. 6, 1973, result of dike failure.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57.50	57.30	57.46	57.44	57.42	57.44	57.41	57.25	57.26	57.08	57.40	57.45
2	57.46	57.36	57.49	57.43	57.47	57.45	57.39	57.27	57.36	57.32	57.40	57.44
3	57.42	57.35	57.51	57.45	57.46	57.45	57.47	57.28	57.43	57.28	57.30	57.43
4	57.38	57.37	57.54	57.45	57.28	57.47	57.47	57.26	57.43	57.17	57.31	57.44
5	57.34	57.41	57.59	57.46	57.31	57.45	57.42	57.32	57.44	57.12	57.35	57.50
6	57.34	57.30	57.44	57.48	57.40	57.46	57.20	57.33	57.50	56.90	57.34	57.63
7	57.35	57.40	57.43	57.47	57.47	57.43	57.32	57.35	57.50	57.00	57.28	57.53
8	57.42	57.41	57.46	57.45	57.43	57.43	57.38	57.38	57.51	56.92	57.33	57.30
9	57.40	57.42	57.06	57.49	57.28	57.43	57.28	57.39	57.53	56.99	57.34	57.34
10	57.36	57.20	56.95	57.49	57.29	57.42	57.18	57.41	57.53	57.08	57.31	57.46
11	57.36	57.26	57.06	57.48	57.28	57.44	57.24	57.50	57.53	57.16	57.30	57.44
12	57.34	57.34	57.40	57.43	57.32	57.43	57.28	57.56	57.43	57.10	57.36	57.43
13	57.35	57.39	57.46	57.41	57.32	57.32	57.26	57.34	57.43	57.05	57.36	57.42
14	57.33	57.41	57.47	57.44	57.32	57.27	57.26	57.37	57.43	57.06	57.29	57.38
15	57.33	57.44	57.52	57.46	57.32	57.38	57.24	57.43	57.49	57.24	57.29	57.38
16	57.34	57.43	57.56	57.46	57.38	57.40	57.23	57.43	57.48	57.43	57.30	57.41
17	57.22	57.38	57.56	57.45	57.25	57.29	57.29	57.34	57.44	57.45	57.28	57.42
18	57.15	57.44	57.58	57.44	57.30	57.30	57.30	56.66	57.41	57.41	57.21	57.41
19	57.13	57.43	57.59	57.43	57.52	57.34	57.33	56.38	57.41	57.30	57.29	57.39
20	57.12	57.47	57.71	57.46	57.48	57.35	57.28	56.43	57.43	57.32	57.43	57.40
21	57.20	57.50	57.55	57.49	57.54	57.41	57.30	56.48	57.43	57.34	57.42	57.39
22	57.21	57.49	57.43	57.44	57.60	57.30	57.32	56.50	57.44	57.37	57.44	57.39
23	57.15	57.46	57.45	57.45	57.47	57.52	57.30	56.54	57.47	57.36	57.42	57.27
24	57.18	57.50	57.42	57.46	57.46	57.07	57.28	56.59	57.54	57.40	57.46	57.31
25	57.23	57.55	57.41	57.46	57.41	57.21	57.20	56.68	57.19	57.44	57.48	57.32
26	57.28	57.54	57.44	57.49	57.34	57.40	57.22	56.72	57.28	57.44	57.51	57.39
27	57.30	57.56	57.59	57.48	57.38	57.43	57.22	56.82	57.10	57.44	57.52	57.46
28	57.34	57.64	57.33	57.50	57.42	57.50	57.25	56.84	57.12	57.50	57.52	57.47
29	57.29	57.38	57.07	57.45	------	57.56	57.26	56.96	57.10	57.41	57.53	57.47
30	57.32	57.44	56.99	57.46	------	57.45	57.26	57.06	56.95	57.35	57.50	57.41
31	57.43	------	57.22	57.43	------	57.38	------	57.16	------	57.39	57.48	------
MEAN	57.31	57.42	57.41	57.46	57.39	57.39	57.29	57.07	57.39	57.25	57.38	57.42
MAX	57.50	57.64	57.71	57.50	57.60	57.56	57.47	57.56	57.54	57.50	57.53	57.63
MIN	57.12	57.20	56.95	57.41	57.25	57.07	57.18	56.38	56.95	56.90	57.21	57.27

CAL YR 1973 MEAN 56.01 MAX 59.39 MIN 45.48
WTR YR 1974 MEAN 57.35 MAX 57.71 MIN 56.38

02238500 Oklawaha River at Moss Bluff, Fla.

LOCATION.--Lat 29°04'52", long 81°52'51", in SW quarter sec.23, T.16 S., R.24 E., Marion County, at downstream side of spillway structure of Moss Bluff Dam, 0.3 mi (0.5 km) upstream from bridge on State Highway 464, 0.4 mi (0.6 km) southwest of Moss Bluff, 3.9 mi (6.3 km) northeast of Oklawaha, and 64.3 mi (103.5 km) upstream from mouth.

DRAINAGE AREA.--879 sq mi (2,277 sq km), revised.

PERIOD OF RECORD.--February to September 1943 (discharge measurements only), October 1943 to September 1955, April 1956 and March 1958 to July 1967 (discharge measurements only), October 1960 to July 1967 published in state reports only, August 1967 to current year.

GAGE.--Dual water-stage recorder. Datum of gage is at mean sea level. Prior to Aug. 12, 1943, nonrecording gage and Aug. 12, 1943, to Sept. 30, 1955, water-stage recorder at site 0.3 mi (0.5 km) downstream at datum 0.12 ft (0.037 m) lower; Aug. 11, 1967 to Sept. 30, 1969, water-stage recorder at site 0.3 mi (0.5 km) downstream at present datum. Auxiliary gage at upstream side of spillway structure.

AVERAGE DISCHARGE.--19 years (1943-55, 1967-74), 351 cfs (9.940 cu m/s), 254,300 acre-ft per year (314 cu hm per year).

EXTREMES.--Current year: Maximum daily discharge, 1,120 cfs (31.7 cu m/s) Aug. 3-6; maximum gage height, 43.12 ft (13.143 m) Dec. 8; gates closed and no flow for many days; minimum gage height, 34.83 ft (10.616 m) June 2.

Period of record: Maximum discharge, 1,630 cfs (46.2 cu m/s) Sept. 12, 1960 (gage height, 50.71 ft or 15.456 m), present datum, from Corps of Engineers records; gates closed and no flow for many days in 1973-74; minimum gage height, 34.83 ft (10.616 m) June 2, 1974.

REMARKS.--Records fair. Flow regulated by manipulation of gates in spillway. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

COOPERATION.--Gate-opening record furnished by Southwest Florida Water Management District.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18		0	40	18	19	92	27	0	802	1,070	65
2	18		0	40	19	18	27	27	0	610	1,090	65
3	18		0	40	18	18	27	68	0	610	1,120	41
4	18		0	40	18	18	27	27	0	610	1,120	18
5	18		0	40	18	18	27	27	0	685	1,120	37
6	18		0	40	18	20	27	28	11	790	1,120	182
7	18		0	40	18	18	27	29	19	790	1,060	400
8	18		229	40	18	18	27	29	18	790	1,020	550
9	18		610	40	18	18	27	27	18	790	949	334
10	18		610	40	18	18	27	27	34	790	910	205
11	18		292	41	18	19	27	27	124	790	845	205
12	18		0	40	18	18	27	27	205	902	759	205
13	18		13	40	18	18	27	29	92	970	730	205
14	18		24	40	18	18	27	27	18	970	730	205
15	18		24	40	18	18	29	27	248	861	652	100
16	18		24	40	20	18	27	27	415	790	590	18
17	18		24	40	18	18	27	177	415	790	550	18
18	18		26	40	18	18	29	788	289	855	550	18
19	18		26	40	18	18	27	840	171	910	292	18
20	18		26	40	18	18	27	712	64	910	28	18
21	18		165	41	18	20	27	636	18	910	0	18
22	18		275	40	18	18	27	552	18	910	0	18
23	18		275	40	18	123	27	500	18	910	0	18
24	7.4		275	40	18	610	29	297	221	910	0	18
25	0		275	40	19	238	27	0	964	910	0	18
26	0		170	40	18	26	27	0	970	946	10	8.9
27	0		188	40	18	24	27	0	1,050	970	47	.50
28	0		470	37	18	25	27	0	1,020	970	65	.50
29	0		610	22	------	96	27	0	970	1,030	65	.50
30	0		610	18	------	207	27	0	970	1,070	65	.50
31	0	------	266	18	------	205	------	29	------	1,070	65	------
TOTAL	421.4	0	5,507	1,177	508	1,956	881	5,011	8,360	26,621	16,622	3,007.90
MEAN	13.6	0	178	38.0	18.1	63.1	29.4	162	279	859	536	100
MAX	18	0	610	41	20	610	92	840	1,050	1,070	1,120	550
MIN	0	0	0	18	18	18	27	0	0	610	0	.50
AC-FT	836	0	10,920	2,330	1,010	3,880	1,750	9,940	16,580	52,800	32,970	5,970

CAL YR 1973 TOTAL 81,733.00 MEAN 224 MAX 1,480 MIN 0 AC-FT 162,100
WTR YR 1974 TOTAL 70,072.30 MEAN 192 MAX 1,120 MIN 0 AC-FT 139,000

02238500 Oklawaha River at Moss Bluff, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.67	37.28	38.93	37.20	35.58	35.35	36.07	35.14	34.85	39.69	40.61	36.94
2	37.85	37.28	39.29	36.91	35.60	35.32	35.47	35.20	34.84	39.25	40.48	36.90
3	37.81	37.25	39.64	36.73	35.58	35.29	35.36	35.26	34.85	39.10	40.46	36.86
4	37.80	37.26	39.88	36.67	35.57	35.27	35.30	35.17	34.85	39.11	40.41	36.82
5	37.74	37.25	39.81	36.58	35.54	35.30	35.35	35.16	34.87	39.39	40.50	36.98
6	37.72	37.22	39.99	36.55	35.52	35.41	35.41	35.17	35.12	39.62	40.71	37.90
7	37.69	37.21	40.22	36.57	35.48	35.40	35.34	35.20	35.26	39.64	40.60	38.68
8	37.66	37.39	40.32	36.62	35.48	35.36	35.31	35.28	35.20	39.65	40.34	39.10
9	37.61	40.02	39.87	36.60	35.46	35.33	35.32	35.26	35.17	39.72	40.15	38.83
10	37.55	41.02	39.83	36.52	35.43	35.32	35.29	35.23	35.25	39.64	40.05	38.35
11	37.51	38.54	38.78	36.49	35.44	35.34	35.27	35.18	35.80	39.64	40.13	38.14
12	38.08	38.32	37.07	36.46	35.41	35.30	35.24	35.24	36.26	39.92	40.25	37.99
13	38.39	38.08	38.42	36.44	35.38	35.30	35.23	35.23	35.82	40.26	39.98	37.90
14	38.29	39.21	39.18	36.30	35.36	35.29	35.20	35.19	35.21	40.16	39.77	37.81
15	38.22	39.55	37.05	36.33	35.37	35.29	35.24	35.23	36.02	39.90	39.50	37.55
16	38.15	39.61	37.19	36.30	35.37	35.28	35.23	35.27	36.88	39.61	39.28	37.07
17	38.08	39.69	37.26	36.23	35.31	35.29	35.23	35.90	36.98	39.50	39.16	37.03
18	38.07	40.10	37.21	36.13	35.32	35.29	35.25	38.34	36.79	39.58	39.09	36.96
19	37.99	40.21	37.18	36.05	35.38	35.26	35.20	38.85	36.30	39.73	38.70	36.88
20	37.90	40.09	37.16	35.95	35.45	35.26	35.18	38.75	35.66	39.74	37.81	36.83
21	37.88	38.68	37.90	35.92	35.46	35.29	35.17	38.50	35.16	39.76	37.25	36.77
22	37.85	37.96	38.36	35.86	35.49	35.24	35.15	38.24	35.10	39.81	37.02	36.75
23	37.83	37.82	38.21	35.79	35.48	35.92	35.15	37.93	35.08	39.81	36.95	36.70
24	37.57	39.03	38.20	35.73	35.42	38.33	35.19	37.30	35.98	39.76	36.99	36.67
25	37.35	39.71	38.23	35.69	35.40	37.99	35.14	35.75	39.86	39.76	36.94	36.69
26	37.34	40.32	37.75	35.62	35.38	36.50	35.12	35.16	40.22	39.88	36.93	36.65
27	37.34	40.27	37.77	35.59	35.38	35.95	35.11	35.02	41.08	39.93	37.02	36.58
28	37.33	40.16	38.95	35.64	35.37	35.77	35.10	34.95	40.75	40.00	37.02	36.53
29	37.30	38.42	39.49	35.69	------	35.99	35.11	34.94	40.23	40.18	36.98	36.52
30	37.25	38.61	39.45	35.64	------	36.57	35.11	34.93	40.00	40.29	37.03	36.48
31	37.29	------	38.46	35.60	------	36.56	------	34.96	------	40.43	36.98	------
MEAN	37.75	38.79	38.61	36.21	35.44	35.69	35.26	35.90	36.51	39.76	38.87	37.26
MAX	38.39	41.02	40.32	37.20	35.60	38.33	36.07	38.85	41.08	40.43	40.71	39.10
MIN	37.25	37.21	37.05	35.59	35.31	35.24	35.10	34.93	34.84	39.10	36.93	36.48

CAL YR 1973 MEAN 38.92 MAX 41.86 MIN 35.15
WTR YR 1974 MEAN 37.19 MAX 41.08 MIN 34.84

02239500 Silver Springs near Ocala, Fla.

LOCATION.--Lat 29°12'44", long 82°03'15", in SE quarter sec.1, T.15 S., R.23 E., Marion County, in canal at glass-bottom boat docking shed, 1,400 ft (430 m) downstream from head of springs and 5.3 mi (8.5 km) northeast of Ocala. Prior to May 23, 1974 at site 800 ft (240 m) north.

PERIOD OF RECORD.--May 1906 to December 1907 (gage heights only), October 1932 to September 1947 (monthly discharge only, prior to January 1933, published in WSP 1304), October 1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 38.96 ft (11.875 m) above mean sea level. Prior to Feb. 20, 1947, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--42 years (1932-74), 820 cfs (23.22 cu m/s), 530 mgd (2.006 cu hm/day).

EXTREMES.--Current year: Maximum daily discharge, 914 cfs (25.9 cu m/s) Sept. 26; maximum gage height, 2.19 ft (0.668 m) Aug. 11; minimum daily discharge 668 cfs (18.2 cu m/s) June 19; minimum gage height, -0.77 ft (-0.235 m) June 5.
Period of record: Maximum daily discharge, 1,290 cfs (36.5 cu m/s) Oct. 7, 13-17, 20, 1960; maximum gage height observed, 5.50 ft (1.676 m) Sept. 6, 1933; minimum daily discharge, 539 cfs (15.3 cu m/s) May 7, 1957; minimum gage height, -0.99 ft (-0.302 m) June 22, 23, 1956.

REMARKS.--Records good. Discharge measurements made 2 to 5 mi (3 to 8 km) downstream from head of springs; surface inflow between head of springs and measuring site is subtracted when measureable. Prior to Nov. 20, 1959, measurements made at site 0.7 mi (1.1 km) downstream from head of springs. Discharge computed from relation between artesian pressure at Sharpes Ferry Well (291115N0815925.1 Local number Marion 5), and discharge at measuring site. Records of artesian pressures are published in reports of the Geological Survey entitled "Ground Water Levels in the United States."

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	801	821	775	757	693	708	702	690	672	726	859	902
2	799	814	779	753	697	709	703	690	673	734	859	904
3	803	813	782	757	699	709	706	688	673	742	857	905
4	803	813	785	758	693	708	706	689	673	753	858	906
5	801	811	782	755	687	708	705	692	673	764	861	903
6	799	810	774	756	693	705	698	692	675	770	862	903
7	800	810	772	756	701	701	700	688	674	775	861	905
8	801	810	781	750	703	701	706	685	671	784	860	907
9	801	810	779	749	692	700	708	686	669	793	863	907
10	800	807	776	749	687	700	700	684	670	799	866	907
11	800	801	771	747	693	699	699	684	672	807	868	907
12	796	802	773	741	695	702	703	687	672	810	871	909
13	795	803	781	734	697	700	705	680	671	814	873	909
14	795	804	780	734	698	692	705	679	669	820	875	907
15	796	807	774	734	700	689	706	678	674	827	875	906
16	799	807	779	732	708	692	702	678	677	827	875	907
17	807	801	769	729	703	690	700	678	675	827	879	910
18	814	799	761	725	701	688	699	680	670	827	886	909
19	823	801	764	721	709	690	697	682	668	833	888	907
20	835	798	774	719	701	690	693	684	669	840	888	908
21	833	795	767	716	698	690	693	684	671	845	888	911
22	831	790	757	708	704	684	697	683	671	848	890	913
23	832	790	758	703	700	692	699	682	671	847	890	913
24	831	793	760	700	703	693	699	680	677	846	892	913
25	830	794	762	695	701	690	693	681	684	848	894	913
26	827	792	763	692	695	688	687	681	682	851	895	914
27	824	789	762	692	698	693	686	679	692	854	897	912
28	825	792	760	692	705	700	686	672	695	859	899	906
29	826	779	764	691	------	710	686	675	701	862	899	906
30	824	774	765	692	------	713	690	677	714	861	899	908
31	827	------	762	689	------	705	------	675	------	859	900	------
TOTAL	25,178	24,030	23,891	22,526	19,554	21,639	20,959	21,163	20,298	25,252	27,227	27,237
MEAN	812	801	771	727	698	698	699	683	677	815	878	908
MAX	835	821	785	758	709	713	708	692	714	862	900	914
MIN	795	774	757	689	687	684	686	672	668	726	857	902

CAL YR 1973 TOTAL 279,192 MEAN 765 MAX 835 MIN 677
WTR YR 1974 TOTAL 278,954 MEAN 764 MAX 914 MIN 668

02239500 Silver Springs near Ocala, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.82	.26	.06	.30	-.16	-.41	-.16	-.50	-.73	1.12	1.69	1.09
2	.81	.25	.05	.15	-.17	-.42	-.16	-.48	-.74	1.02	1.68	1.08
3	.81	.24	.05	.07	-.18	-.43	-.16	-.52	-.75	.95	1.66	1.06
4	.80	.23	.04	.02	-.19	-.44	-.17	-.51	-.75	.94	1.66	1.07
5	.80	.22	.03	.00	-.19	-.45	-.16	-.47	-.75	1.05	1.70	1.13
6	.79	.21	.03	-.03	-.19	-.45	-.16	-.46	-.74	1.10	1.88	1.37
7	.79	.20	.03	-.05	-.20	-.45	-.16	-.41	-.74	1.13	1.91	1.55
8	.78	.20	.09	-.05	-.20	-.46	-.16	-.39	-.74	1.19	1.80	1.59
9	.78	.20	.33	-.06	-.21	-.47	-.16	-.40	-.74	1.27	1.73	1.58
10	.78	.20	.48	-.06	-.21	-.47	-.16	-.41	-.73	1.26	1.69	1.47
11	.78	.20	.53	-.07	-.22	-.48	-.16	-.42	-.71	1.26	1.85	1.39
12	.77	.19	.31	-.06	-.23	-.49	-.16	-.46	-.63	1.28	2.15	1.33
13	.77	.18	.15	-.08	-.23	-.50	-.16	-.48	-.62	1.40	1.98	1.30
14	.77	.17	.08	-.09	-.24	-.51	-.16	-.46	-.71	1.45	1.82	1.27
15	.77	.17	.05	-.11	-.24	-.51	-.17	-.46	-.70	1.42	1.70	1.25
16	.76	.17	.07	-.12	-.25	-.52	-.17	-.45	-.54	1.36	1.61	1.15
17	.72	.17	.07	-.12	-.27	-.53	-.17	-.45	-.46	1.31	1.52	1.11
18	.56	.16	.07	-.12	-.28	-.54	-.18	-.31	-.45	1.30	1.61	1.09
19	.43	.15	.06	-.13	-.26	-.54	-.20	-.02	-.52	1.33	1.56	1.06
20	.39	.14	.05	-.14	-.23	-.55	-.21	.07	-.60	1.35	1.40	1.05
21	.41	.13	.04	-.15	-.26	-.55	-.22	.08	-.70	1.36	1.26	1.03
22	.42	.13	.17	-.15	-.27	-.55	-.24	.06	-.72	1.39	1.23	1.02
23	.40	.12	.21	-.15	-.29	-.38	-.27	-.05	-.74	1.41	1.20	.99
24	.39	.11	.22	-.15	-.30	-.09	-.26	-.11	-.61	1.40	1.20	.98
25	.36	.10	.22	-.16	-.32	.10	-.25	-.36	.14	1.39	1.21	.98
26	.32	.09	.23	-.16	-.34	-.08	-.24	-.52	.63	1.42	1.17	.98
27	.30	.08	.16	-.15	-.35	-.16	-.41	-.61	1.73	1.44	1.16	.95
28	.29	.08	.26	-.16	-.37	-.16	-.47	-.65	1.84	1.49	1.15	.94
29	.28	.10	.43	-.16	------	-.16	-.42	-.68	1.39	1.56	1.12	.92
30	.28	.08	.51	-.16	------	-.15	-.42	-.70	1.15	1.60	1.13	.91
31	.27	------	.52	-.16	------	-.16	------	-.72	------	1.60	1.11	------
MEAN	.59	.16	.18	-.08	-.24	-.39	-.22	-.40	-.31	1.31	1.54	1.16
MAX	.82	.26	.53	.30	-.16	.10	-.16	.08	1.84	1.60	2.15	1.59
MIN	.27	.08	.03	-.16	-.37	-.55	-.47	-.72	-.75	.94	1.11	.91

CAL YR 1973 MEAN .74 MAX 1.49 MIN .03
WTR YR 1974 MEAN .28 MAX 2.15 MIN -.75

02240000 Oklawaha River near Conner, Fla.

LOCATION.--Lat 29°12'52", long 81°59'10", in SW quarter sec.2, T.15 S., R.23 E., Marion County, on right bank 75 ft (23 m) upstream from bridge on State Highway 40, 0.2 mi (0.3 km) downstream from Silver River, 1.5 mi (2.4 km) southwest of Conner, 8 mi (13 km) east of Ocala, and 51.0 mi (82.1 km) upstream from mouth.

DRAINAGE AREA.--1,196 sq mi (3,098 sq km), revised.

PERIOD OF RECORD.--February 1930 to September 1946, March 1963 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 31.79 ft (9.690 m) above mean sea level.

AVERAGE DISCHARGE.--16 years (1930-46), 1,197 cfs (33.90 cu m/s), 14.26 in/yr (362 mm/yr).

EXTREMES.--Current year: Maximum gage height, 7.51 ft (2.289 m) June 27; minimum, 2.78 ft (0.847 m) June 5.
Period of record: Maximum discharge, 3,700 cfs (105 cu m/s) Sept. 6, 1933 (gage height, 9.14 ft or 2.786 m); minimum, 631 cfs (17.9 cu m/s) Feb. 1, 1933; minimum gage height, 2.78 ft (0.847 m) June 5, 1974.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.02	3.61	3.34	5.06	3.29	3.01	3.90	2.96	2.82	6.48	6.95	5.10
2	4.03	3.59	3.32	4.36	3.26	3.01	3.53	2.98	2.80	6.29	6.88	5.07
3	4.01	3.57	3.32	3.96	3.25	3.00	3.35	2.99	2.80	6.14	6.84	5.05
4	4.00	3.56	3.31	3.72	3.23	2.98	3.26	2.99	2.80	6.08	6.82	5.04
5	3.97	3.55	3.30	3.69	3.21	2.97	3.22	2.99	2.79	6.14	6.90	5.11
6	3.92	3.54	3.29	3.60	3.19	2.98	3.22	3.01	2.83	6.25	7.12	5.42
7	3.91	3.53	3.28	3.57	3.18	3.01	3.21	3.04	2.91	6.32	7.11	5.73
8	3.90	3.52	3.27	3.55	3.17	2.99	3.20	3.04	2.94	6.35	6.92	5.97
9	3.90	3.50	3.60	3.55	3.14	2.98	3.21	3.05	2.94	6.43	6.81	6.14
10	3.86	3.53	3.90	3.55	3.12	2.97	3.16	3.03	2.94	6.43	6.73	6.09
11	3.82	3.56	4.00	3.56	3.10	2.97	3.17	3.01	3.07	6.40	6.86	5.90
12	3.84	3.52	3.80	3.61	3.09	2.95	3.16	3.07	3.36	6.42	7.17	5.79
13	3.89	3.50	3.65	3.52	3.07	2.94	3.13	3.10	3.55	6.55	6.93	5.71
14	3.89	3.47	3.55	3.48	3.06	2.93	3.11	3.08	3.16	6.66	6.75	5.65
15	3.91	3.46	3.52	3.43	3.06	2.93	3.15	3.15	3.11	6.62	6.58	5.55
16	3.91	3.45	3.48	3.44	3.05	2.92	3.15	3.26	3.61	6.47	6.43	5.24
17	3.88	3.44	3.63	3.46	3.03	2.91	3.13	3.20	4.03	6.37	6.35	5.16
18	3.87	3.44	3.76	3.43	3.03	2.91	3.11	3.71	4.21	6.32	6.31	5.12
19	3.87	3.44	3.69	3.39	3.08	2.90	3.08	4.50	4.01	6.35	6.22	5.06
20	3.88	3.43	3.66	3.37	3.18	2.89	3.06	4.95	3.63	6.39	5.82	5.02
21	3.90	3.44	3.61	3.35	3.15	2.89	3.05	5.19	3.15	6.42	5.41	4.97
22	3.93	3.44	4.13	3.33	3.27	2.89	3.04	5.27	3.02	6.45	5.22	4.95
23	3.92	3.41	4.47	3.30	3.17	2.96	3.03	5.22	2.94	6.49	5.15	4.91
24	3.86	3.39	4.49	3.29	3.10	3.42	3.05	4.94	3.03	6.48	5.19	4.88
25	3.72	3.38	4.52	3.30	3.07	3.98	3.03	3.98	4.18	6.46	5.16	4.88
26	3.67	3.37	4.57	3.28	3.04	4.25	3.00	3.37	5.31	6.49	5.13	4.87
27	3.65	3.36	4.28	3.26	3.03	4.00	2.99	3.09	7.11	6.52	5.17	4.82
28	3.64	3.40	4.50	3.26	3.03	3.76	2.98	2.96	7.25	6.56	5.18	4.78
29	3.64	3.52	5.12	3.28	------	3.62	2.97	2.88	6.85	6.63	5.14	4.75
30	3.66	3.39	5.43	3.33	------	3.72	2.96	2.86	6.59	6.69	5.16	4.72
31	3.62	------	5.54	3.35	------	3.86	------	2.84	------	6.75	5.14	------
MEAN	3.85	3.48	3.91	3.54	3.13	3.18	3.15	3.47	3.79	6.43	6.18	5.25
MAX	4.03	3.61	5.54	5.06	3.29	4.25	3.90	5.27	7.25	6.75	7.17	6.14
MIN	3.62	3.36	3.27	3.26	3.03	2.89	2.96	2.84	2.79	6.08	5.13	4.72

CAL YR 1973 MEAN 4.42 MAX 6.93 MIN 3.27
WTR YR 1974 MEAN 4.12 MAX 7.25 MIN 2.79

02240954 Hogtown Creek near Arredondo, Fla.

LOCATION.--Lat 29°38'17", long 82°23'33", in NE quarter sec.10, T.10 S., R.19 E., Alachua County, near right bank at downstream side of bridge on county road 30, 2.5 mi (4.0 km) northeast of Arredondo and 4.2 mi (6.8 km) west of Gainesville.

DRAINAGE AREA.--41.2 sq mi (107 sq km).

PERIOD OF RECORD.--December 1971 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum discharge, 123 cfs (3.48 cu m/s) July 11 (gage height, 57.74 ft or 17.599 m); minimum discharge, 2.8 cfs (0.079 cu m/s) May 2, 3 (gage height, 56.06 ft or 17.087 m).
Period of record: Maximum discharge, 671 cfs (19.0 cu m/s) Aug. 26, 1972 (gage height, 60.11 ft or 18.322 m); minimum discharge, 2.8 cfs (0.079 cu m/s) May 2, 3, 1974 (gage height, 56.06 ft or 17.087 m).

REMARKS.--Records good. Flow affected at times by backwater from Haile Sink.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.7	10	4.7	9.2	6.2	6.9	6.2	3.2	3.5	15	45	10
2	9.2	10	4.6	8.7	6.4	6.6	5.9	3.1	3.5	13	56	9.0
3	8.2	7.4	4.6	8.4	5.6	6.4	5.6	3.0	4.4	11	48	8.7
4	6.9	6.6	4.6	8.2	5.9	6.4	5.4	3.1	7.7	10	42	9.2
5	6.9	6.4	4.6	7.7	4.9	6.4	6.2	3.4	6.9	10	38	11
6	6.6	6.2	4.6	8.2	4.7	6.2	11	7.4	15	12	65	41
7	7.7	5.9	4.2	7.7	5.9	6.2	7.4	16	9.5	9.7	84	48
8	8.2	5.9	12	7.2	16	5.9	5.6	13	7.9	11	69	37
9	7.2	5.6	30	6.9	17	5.6	5.2	7.2	11	88	49	29
10	6.9	5.6	14	6.9	9.5	5.6	4.7	5.4	9.0	78	37	24
11	6.6	5.6	8.7	6.6	7.2	5.4	4.4	4.4	18	110	27	17
12	6.4	5.9	6.9	6.6	6.4	5.2	4.4	11	30	89	33	14
13	6.2	6.2	6.4	6.4	5.9	4.9	7.2	30	19	54	53	13
14	6.2	5.9	6.2	6.2	5.9	4.7	6.6	15	10	29	43	23
15	6.2	5.6	5.9	6.2	5.6	4.6	4.7	8.7	41	17	29	32
16	6.2	5.6	20	6.2	5.9	4.7	4.4	15	85	13	37	19
17	6.2	5.2	44	5.9	5.6	4.9	4.9	19	61	11	51	20
18	5.6	5.2	22	5.6	5.2	4.6	4.2	48	30	17	49	24
19	5.6	6.6	14	5.6	9.2	4.4	4.0	28	16	22	36	36
20	5.4	6.2	13	5.6	35	4.9	3.7	16	13	15	26	36
21	7.2	5.2	24	5.6	24	9.7	3.5	12	10	15	32	21
22	10	4.7	18	5.6	15	10	3.4	8.7	9.2	42	65	15
23	8.4	4.6	13	5.6	13	13	4.9	8.2	8.2	67	47	13
24	6.9	4.6	10	5.6	9.5	47	7.7	9.2	17	51	44	12
25	6.2	4.6	9.7	5.4	8.2	30	4.6	6.4	65	27	38	11
26	5.9	4.6	9.7	5.4	7.4	17	3.7	4.6	44	24	37	10
27	5.6	4.4	17	5.4	6.9	12	3.4	4.6	65	59	26	12
28	5.6	4.7	18	5.9	6.9	10	3.2	5.2	65	77	18	15
29	5.9	7.7	13	9.5	------	9.2	3.1	4.0	41	84	15	14
30	5.9	5.9	11	7.4	------	7.9	3.2	3.9	22	61	13	11
31	5.6	------	9.7	6.6	------	6.6	------	3.9	------	35	12	------
TOTAL	211.3	178.6	388.1	208.0	264.9	282.9	152.4	330.6	747.8	1,176.7	1,264	594.9
MEAN	6.82	5.95	12.5	6.71	9.46	9.13	5.08	10.7	24.9	38.0	40.8	19.8
MAX	10	10	44	9.5	35	47	11	48	85	110	84	48
MIN	5.4	4.4	4.2	5.4	4.7	4.4	3.1	3.0	3.5	9.7	12	8.7
CFSM	.17	.14	.30	.16	.23	.22	.12	.26	.60	.92	.99	.48
IN.	.19	.16	.35	.19	.24	.26	.14	.30	.68	1.06	1.14	.54
AC-FT	419	354	770	413	525	561	302	656	1,480	2,330	2,510	1,180

CAL YR 1973 TOTAL 9,317.0 MEAN 25.5 MAX 288 MIN 4.2 CFSM .62 IN 8.41 AC-FT 18,480
WTR YR 1974 TOTAL 5,800.2 MEAN 15.9 MAX 110 MIN 3.0 CFSM .39 IN 5.24 AC-FT 11,500

PEAK DISCHARGE (BASE, 200 CFS).--No peak above base.

02240956 Haile Sink near Arredondo, Fla.

LOCATION.--Lat 29°37'41", long 82°24'40", in NE quarter sec. 16, T.10 S., R.19 E., Alachua County, on northwest rim of sink, 1.6 mi (2.6 km) north of Arredondo and 5.2 mi (8.4 km) west of Gainesville.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1971 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height, 51.70 ft (15.758 m) July 12; minimum, 43.40 ft (13.228 m), estimated, June 2.
Period of record: Maximum gage height, 58.41 ft (17.803 m) Aug. 29, 1972; minimum, 43.40 ft (13.228 m), estimated, June 2, 1974.

REMARKS.--Sink has no surface outlet.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48.94	47.72	46.65	46.50	45.57	44.81	44.42	43.63	43.41	45.09	47.42	46.47
2	48.88	47.80	46.59	46.42	45.56	44.79	44.37	43.61	43.40	44.73	48.21	46.33
3	48.83	47.65	46.58	46.38	45.51	44.78	44.35	43.58	43.45	44.51	48.02	46.23
4	48.78	47.59	46.57	46.35	45.45	44.77	44.32	43.55	43.58	44.37	47.79	46.16
5	48.73	47.56	46.55	46.29	45.32	44.76	44.32	43.55	43.54	44.30	47.65	46.23
6	48.67	47.52	46.52	46.26	45.25	44.75	44.40	43.64	43.80	44.38	48.11	47.26
7	48.65	47.48	46.46	46.26	45.26	44.73	44.27	43.93	43.84	44.28	49.82	48.62
8	48.67	47.45	46.69	46.17	45.59	44.72	44.15	44.06	43.80	44.38	49.93	48.31
9	48.60	47.43	47.23	46.13	45.95	44.70	44.11	43.80	43.90	47.59	48.80	47.85
10	48.55	47.37	47.15	46.09	45.51	44.70	44.06	43.70	43.75	49.71	47.94	47.67
11	48.49	47.29	46.69	46.06	45.24	44.69	44.01	43.65	44.02	50.50	47.45	47.39
12	48.43	47.24	46.47	46.03	45.14	44.68	43.99	43.77	44.51	51.63	47.13	47.10
13	48.38	47.22	46.39	45.96	45.10	44.65	44.04	44.42	44.74	50.42	47.87	46.86
14	48.33	47.19	46.35	45.90	45.07	44.57	44.12	44.38	44.62	47.37	48.22	47.03
15	48.29	47.17	46.33	45.87	45.06	44.51	44.07	43.88	44.84	46.30	47.54	47.67
16	48.25	47.16	46.70	45.85	45.07	44.49	44.05	43.93	48.15	45.73	47.26	47.54
17	48.21	47.12	47.73	45.81	45.05	44.45	44.04	44.40	48.20	45.37	48.01	47.22
18	48.13	47.10	47.60	45.78	45.00	44.40	43.99	45.37	46.24	45.43	48.15	47.44
19	48.08	47.11	47.07	45.75	45.13	44.36	43.93	45.37	45.14	45.96	48.01	47.61
20	48.04	47.12	46.90	45.73	45.90	44.35	43.88	44.69	44.59	45.62	47.65	48.11
21	48.03	47.07	47.12	45.72	46.34	44.47	43.85	44.33	44.27	45.41	47.85	47.70
22	48.15	47.03	47.28	45.67	45.87	44.54	43.83	44.02	44.06	46.32	49.17	47.26
23	48.14	47.01	46.91	45.63	45.59	44.79	43.83	43.89	43.91	47.69	48.92	46.96
24	48.03	46.99	46.64	45.61	45.27	45.90	43.90	43.88	44.45	48.17	48.47	46.73
25	47.94	46.97	46.51	45.59	45.10	46.08	43.82	43.80	46.45	46.92	48.32	46.59
26	47.87	46.93	46.51	45.58	44.95	45.46	43.77	43.70	46.51	46.36	48.37	46.51
27	47.81	46.90	46.78	45.56	44.86	45.02	43.74	43.65	46.93	47.43	47.84	46.53
28	47.77	46.88	47.11	45.55	44.82	44.83	43.71	43.60	47.62	49.10	47.39	46.67
29	47.74	46.87	46.90	45.65	------	44.72	43.68	43.55	46.62	50.10	47.02	46.83
30	47.67	46.76	46.69	45.64	------	44.63	43.65	43.50	45.65	49.74	46.76	46.66
31	47.62	------	46.57	45.60	------	44.51	------	43.45	------	47.95	46.62	------
MEAN	48.28	47.22	46.78	45.92	45.34	44.76	44.02	43.94	44.93	46.87	47.99	47.12
MAX	48.94	47.80	47.73	46.50	46.34	46.08	44.42	45.37	48.20	51.63	49.93	48.62
MIN	47.62	46.76	46.33	45.55	44.82	44.35	43.65	43.45	43.40	44.28	46.62	46.16

CAL YR 1973 MEAN 50.60 MAX 55.99 MIN 46.33
WTR YR 1974 MEAN 46.11 MAX 51.63 MIN 43.40

02243000 Orange Creek at Orange Springs, Fla.

LOCATION.--Lat 29°30'34", long 81°56'47", in NE quarter sec. 25, T.11 S., R.23 E., Marion County, at bridge on State Highway 21, 0.2 mi (0.3 km) northwest of Orange Springs and 1.2 mi (1.9 km) upstream from Little Orange Creek.

DRAINAGE AREA.--1,067 sq mi (2,764 sq km), revised, includes Paynes Prairie, a diked sinkhole area of 650 sq mi (1,684 sq km), approximately, which is noncontributing except by pumpage.

PERIOD OF RECORD.--November 1941 to June 1942 (discharge measurements only), July 1942 to December 1952, October 1955 to September 1971, October 1971 to current year (discharge measurements only).

AVERAGE DISCHARGE.--26 years (1942-52, 1955-71), 187 cfs (5.296 cu m/s), 2.29 in/yr (58 mm/yr).

EXTREMES.--Period of record: Maximum discharge, 2,170 cfs (61.4 cu m/s) Sept. 13, 1964; minimum daily, 2.0 cfs (0.057 cu m/s) May 31, June 1, 3-5, 9-14, 1956.

REMARKS.--Since April 1963, concrete dam at outlet of Orange Lake, 11 mi (18 km) upstream from station.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 2	173	Sept. 23	365
May 28	14		

02243960 Oklawaha River at Rodman Dam, near Orange Springs, Fla.

LOCATION.--Lat 29°30'30", long 81°48'15", in NW quarter sec.28, T.11 S., R.25 E., Putnam County, at downstream side of control structure of Rodman Dam, 8.4 mi (13.5 km) east of Orange Springs, and 11.6 mi (18.7 km) upstream from mouth.

DRAINAGE AREA.--2,696 sq mi (6,983 sq km), revised, includes Paynes Prairie, a diked sinkhole area of 650 sq mi (1,684 sq km), revised, approximately, which is noncontributing except for pumpage.

PERIOD OF RECORD.--October 1968 to current year.

GAGE.--Dual water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark). Auxiliary gage at upstream side of control structure at same datum.

AVERAGE DISCHARGE.--6 years, 1,910 cfs (54.09 cu m/s), 1,384,000 acre-ft/yr (1.71 cu km/yr).

EXTREMES.--Current year: Maximum daily discharge, 4,510 cfs (128 cu m/s) July 4-6; maximum gage height, 7.40 ft (2.256 m) July 5; minimum daily discharge, 468 cfs (13.3 cu m/s) Nov. 13, 27; minimum gage height, 2.41 ft (0.735 m) Nov. 29.
Period of record: Maximum daily discharge, 9,560 cfs (271 cu m/s) Feb. 5, 1970; maximum gage height, 9.46 ft (2.883 m) Feb. 5, 1970; gates closed and flow consists of unknown leakage Mar. 9, 1969; minimum gage height, 0.80 ft (0.244 m) June 3, 1969.

REMARKS.--Records fair. Flow regulated by manipulation of gates in spillway; dam completed and flow through spillway began on Sept. 30, 1968. Since November 1969, diversion above station from Lake Ocklawaha for boat lockages, through Cross-Florida Barge Canal (see sta 02244032) to St. Johns River. Records of gage height for auxiliary station are published as elevations for Lake Ocklawaha (sta 02243958) in reports of Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes."

COOPERATION.--Gate-opening record furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,750	955	896	1,750	1,230	705	1,160	585	705	3,540	2,620	1,750
2	1,750	955	585	1,600	1,230	705	585	585	697	3,990	2,970	1,750
3	1,570	955	1,040	1,490	1,040	661	955	659	705	4,490	3,180	1,750
4	1,320	955	1,160	1,340	955	705	955	705	705	4,510	3,180	1,750
5	1,220	955	1,230	1,230	1,140	912	874	742	705	4,510	2,760	1,880
6	1,220	955	1,230	1,230	976	955	826	782	705	4,510	2,780	2,830
7	1,220	955	1,230	1,230	705	955	903	1,130	705	4,450	4,310	3,430
8	1,060	1,040	1,330	1,060	705	955	955	1,230	705	4,410	4,260	3,430
9	955	1,340	1,490	955	705	955	873	1,230	705	4,360	4,260	3,430
10	955	1,490	1,490	955	776	955	826	1,050	869	4,360	4,260	3,430
11	955	1,160	1,490	955	705	826	753	955	1,300	3,740	4,210	3,430
12	955	646	1,490	955	705	826	585	955	1,490	2,600	4,210	3,250
13	955	468	1,320	955	907	759	705	1,130	1,330	3,420	4,210	2,800
14	955	503	1,050	955	655	705	705	961	1,060	3,510	3,350	2,590
15	955	550	1,010	955	955	705	777	955	955	3,470	3,140	2,590
16	955	861	955	814	955	705	826	826	1,120	3,470	3,510	2,440
17	955	955	1,110	705	955	705	905	826	1,230	2,840	3,720	2,300
18	955	955	1,230	776	955	705	955	826	1,230	2,320	3,510	2,300
19	955	1,030	1,340	901	1,040	705	877	826	1,230	2,540	3,210	1,960
20	955	1,230	1,490	1,120	1,140	705	826	826	1,230	2,880	2,950	1,750
21	955	1,230	1,450	1,230	1,230	776	826	826	1,060	2,710	2,670	1,750
22	1,300	1,230	1,330	1,230	1,060	826	759	955	955	2,410	2,590	1,750
23	1,490	1,230	1,230	1,230	955	1,050	705	1,040	955	1,950	2,590	1,750
24	1,490	1,060	1,230	1,080	955	1,770	705	1,040	1,100	1,750	2,590	1,750
25	1,460	944	1,060	800	955	2,070	705	1,040	2,010	2,130	2,590	1,750
26	1,490	676	955	697	1,130	2,070	705	1,130	2,730	2,620	2,400	1,600
27	1,140	468	1,120	634	955	2,040	665	1,230	2,830	2,620	2,100	1,490
28	944	534	1,370	585	891	2,040	645	1,230	2,860	2,620	2,000	1,490
29	545	650	1,490	660	------	2,040	605	1,050	2,990	2,620	1,840	1,660
30	784	770	1,490	861	------	1,770	585	955	3,230	2,620	1,750	2,090
31	955	------	1,650	1,130	------	1,320	------	869	------	2,620	1,750	------
TOTAL	35,123	27,865	39,011	32,068	26,999	33,838	24,109	29,361	40,146	100,650	95,470	67,920
MEAN	1,133	929	1,258	1,034	964	1,092	804	947	1,338	3,247	3,080	2,264
MAX	1,750	1,490	1,650	1,750	1,230	2,070	1,060	1,230	3,230	4,510	4,310	3,430
MIN	545	468	896	585	705	705	585	585	697	1,750	1,750	1,490
AC-FT	69,670	55,270	77,380	63,610	53,550	67,120	47,820	58,240	79,630	199,600	189,400	134,700

CAL YR 1973 TOTAL 568,030 MEAN 1,556 MAX 2,730 MIN 411 AC-FT 1,127,000
WTR YR 1974 TOTAL 552,560 MEAN 1,514 MAX 4,510 MIN 468 AC-FT 1,096,000

02243960 Oklawaha River at Rodman Dam, near Orange Springs, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.52	3.94	3.65	5.34	4.08	3.16	4.40	2.81	3.31	6.68	6.06	5.39
2	5.51	3.90	3.73	5.29	4.10	3.13	3.95	2.81	3.12	6.92	6.21	5.39
3	5.40	3.88	3.89	5.17	4.00	3.18	3.90	2.82	3.09	7.17	6.40	5.40
4	5.10	3.88	4.20	5.00	3.65	3.25	3.88	2.86	3.09	7.35	6.41	5.46
5	4.86	3.88	4.39	4.74	3.55	3.37	3.73	2.90	3.14	7.38	6.23	5.57
6	4.81	3.88	4.39	4.66	3.59	3.49	3.23	3.15	3.19	7.38	6.04	5.96
7	4.82	3.92	4.40	4.64	3.30	3.50	3.28	3.38	3.18	7.36	6.93	6.54
8	4.66	4.03	4.60	4.38	3.28	3.51	3.81	3.45	3.17	7.33	7.09	6.60
9	4.39	4.51	4.99	4.04	3.06	3.51	3.64	3.46	2.97	7.31	7.15	6.61
10	4.35	4.99	5.00	4.00	3.11	3.43	3.44	3.36	3.00	7.29	7.11	6.61
11	4.34	4.78	4.94	3.98	3.26	3.32	3.37	3.25	3.65	7.13	7.13	6.61
12	4.35	3.83	4.87	3.96	3.24	3.30	3.17	3.23	4.45	6.21	7.14	6.57
13	4.35	3.10	4.80	3.94	3.41	3.19	3.02	3.47	4.44	6.54	7.11	6.38
14	4.35	2.99	4.52	3.93	3.58	3.15	2.98	3.63	4.15	6.69	6.72	6.16
15	4.33	3.19	4.34	3.95	3.58	3.19	3.01	3.51	3.94	6.70	6.43	6.13
16	4.31	3.52	4.13	3.73	3.54	3.18	3.17	3.51	4.00	6.68	6.57	6.06
17	4.28	3.81	3.99	3.39	3.46	3.10	3.28	3.48	4.20	6.45	6.74	5.93
18	4.26	3.83	4.65	3.38	3.48	3.02	3.37	3.48	4.20	6.03	6.73	5.90
19	4.28	4.05	4.89	3.47	3.75	3.00	3.35	3.47	4.20	6.07	6.62	5.74
20	4.29	4.45	5.15	3.89	4.10	2.98	3.30	3.46	4.20	6.23	6.45	5.49
21	4.33	4.49	5.15	4.34	4.27	3.04	3.29	3.46	4.09	6.21	6.26	5.44
22	4.71	4.49	5.09	4.35	4.12	3.15	3.23	3.60	3.88	6.07	6.14	5.43
23	5.05	4.48	4.86	4.35	3.85	3.74	3.13	3.74	3.79	5.75	6.12	5.43
24	5.05	4.35	4.79	4.18	3.79	4.86	3.10	3.74	4.11	5.48	6.12	5.44
25	5.03	4.15	4.55	3.66	3.67	5.45	3.08	3.69	5.08	5.59	6.11	5.46
26	5.08	3.14	4.25	3.30	3.73	5.51	3.09	3.94	5.92	5.95	6.02	5.38
27	4.84	2.68	4.33	3.12	3.87	5.52	3.05	4.18	6.25	6.01	5.81	5.22
28	4.45	2.69	4.62	2.88	3.54	5.51	3.00	4.18	6.23	6.04	5.66	5.19
29	4.06	2.90	4.93	2.92	------	5.50	2.93	4.02	6.26	6.01	5.57	5.23
30	3.73	3.50	4.96	3.22	------	5.39	2.84	3.78	6.40	6.01	5.42	5.34
31	3.97	------	5.12	3.75	------	5.00	------	3.60	------	6.07	5.40	------
MEAN	4.61	3.84	4.59	4.03	3.64	3.79	3.33	3.47	4.16	6.52	6.38	5.80
MAX	5.52	4.99	5.15	5.34	4.27	5.52	4.40	4.18	6.40	7.38	7.15	6.61
MIN	3.73	2.68	3.65	2.88	3.06	2.98	2.84	2.81	2.97	5.48	5.40	5.19

CAL YR 1973 MEAN 4.93 MAX 6.31 MIN 2.52
WTR YR 1974 MEAN 4.52 MAX 7.38 MIN 2.68

02244032 Cross-Florida Barge Canal at St. Johns Lock, near Palatka, Fla.

LOCATION.--Lat 29°32'45", long 81°43'35", in land grant 20, T.11 S., R.26 E., Putnam County, at downstream side of St. Johns Lock, 1.7 mi (2.7 km) upstream from mouth and 9.0 mi (14.5 km) southwest of Palatka.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1969 to current year.

GAGE.--Nonrecording gage.

EXTREMES.--Current year: Maximum daily discharge, 149 cfs (4.22 cu m/s) Feb. 6; no flow for many days.
Period of record: Maximum daily discharge, 171 cfs (4.84 cu m/s) Feb. 8, 1973; no flow for many days each year.

REMARKS.--Discharge at station is a diversion of flow, for boat lockages, from Lake Ocklawaha and Oklawaha River into St. Johns River and is computed using daily volume of water used for lockage. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

COOPERATION.--Lockage record furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	128	60	82	104	76	40	71	16	13	26
2	30	64	35	36	84	117	84	36	91	76	0	0
3	0	28	27	35	127	118	71	51	47	28	49	0
4	0	37	14	49	99	85	73	60	23	63	32	0
5	0	0	60	39	117	86	18	83	38	51	19	0
6	31	37	57	107	149	95	59	48	75	78	0	0
7	78	16	35	50	137	89	140	23	35	40	11	22
8	59	44	15	46	129	97	70	83	13	30	22	35
9	38	39	14	57	26	119	47	47	71	16	0	0
10	19	66	16	92	37	108	50	24	28	35	57	0
11	40	56	1.0	73	60	94	95	116	30	0	34	13
12	38	45	66	105	41	84	71	16	36	19	0	22
13	39	64	35	30	37	84	83	38	24	1.3	0	0
14	35	15	47	24	60	65	51	19	48	45	14	16
15	51	54	36	81	93	71	84	68	.00	25	0	60
16	49	90	26	82	117	122	50	47	44	0	39	20
17	18	90	15	82	104	94	72	38	35	23	37	0
18	29	34	0	60	107	84	71	64	65	20	38	0
19	10	46	13	82	97	61	71	46	26	40	38	0
20	30	14	59	116	106	49	129	36	52	29	0	35
21	20	25	0	60	92	49	114	36	71	82	18	29
22	23	69	0	59	61	27	14	46	93	19	20	45
23	15	99	36	94	116	35	72	49	60	14	13	0
24	19	98	25	60	92	83	49	61	0	1.7	59	18
25	10	86	15	70	81	70	59	66	16	13	0	0
26	15	33	0	70	13	25	127	72	48	8.7	22	0
27	59	66	39	108	70	59	126	67	60	32	.70	30
28	79	0	72	35	108	58	116	37	16	56	0	3.6
29	50	22	111	62	------	84	38	29	93	0	11	0
30	0	0	109	50	------	74	37	37	78	47	0	6.5
31	0	------	25	50	------	72	------	47	------	0	22	------
TOTAL	884	1,337	1,131.0	2,024	2,442	2,462	2,217	1,530	1,487	908.7	568.70	381.1
MEAN	28.5	44.6	36.5	65.3	87.2	79.4	73.9	49.4	49.6	29.3	18.3	12.7
MAX	79	99	128	116	149	122	140	116	100	82	59	60
MIN	0	0	0	24	13	25	14	16	0	0	0	0
AC-FT	1,750	2,650	2,240	4,010	4,840	4,880	4,400	3,030	2,950	1,800	1,130	756

CAL YR 1973 TOTAL 15,738.50 MEAN 43.1 MAX 171 MIN 0 AC-FT 31,220
WTR YR 1974 TOTAL 17,372.50 MEAN 47.6 MAX 149 MIN 0 AC-FT 34,460

02244420 Little Haw Creek near Seville, Fla.

LOCATION.--Lat 29°19'20", long 81°23'10", in SE quarter sec.32, T.13 S., R.29 E., Flagler County, on right bank 600 ft (180 m) downstream from bridge on State Highway 305, 1.4 mi (2.3 km) downstream from Lake Disston, and 6.4 mi (10.3 km) east of Seville.

DRAINAGE AREA.--120 sq mi (310 sq km), approximately.

PERIOD OF RECORD.--January 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5.74 ft (1.750 m) above mean sea level. Prior to Jan. 5, 1953, at site 600 ft (180 m) upstream at same datum.

AVERAGE DISCHARGE.--23 years, 89.8 cfs (2.543 cu m/s), 10.16 in/yr (258 mm/yr).

EXTREMES.--Current year: Maximum discharge, 450 cfs (12.7 cu m/s) Sept. 9 (gage height, 6.90 ft or 2.103 m); minimum, 0.96 cfs (0.027 cu m/s) June 1 (gage height, 0.96 ft or 0.293 m).
Period of record: Maximum discharge, 1,630 cfs (46.2 cu m/s) Oct. 19, 20, 1968 (gage height, 9.18 ft or 2.798 m); no flow for many days in 1962, 1967, 1968; minimum gage height, 0.16 ft (0.049 m) May 14, 1968.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	252	75	19	60	18	5.4	9.2	1.8	1.1	109	143	217
2	261	70	19	57	17	5.1	11	1.7	1.5	120	156	206
3	268	65	19	54	16	5.1	16	1.7	1.6	149	161	204
4	278	60	18	51	15	5.0	14	1.6	1.5	166	149	205
5	283	56	18	49	13	4.8	14	1.6	1.4	197	151	211
6	281	52	18	46	12	4.8	13	2.7	1.2	214	162	311
7	285	48	19	43	12	4.7	10	4.1	1.2	216	188	369
8	300	45	33	40	11	4.6	9.4	2.4	1.2	225	176	412
9	311	42	33	37	10	4.6	8.6	2.0	1.1	218	158	448
10	297	38	28	36	9.0	4.5	7.5	1.8	1.3	189	140	435
11	278	36	25	34	8.2	4.2	6.6	1.6	1.5	171	150	405
12	263	34	23	33	7.7	4.1	6.3	2.1	1.4	167	163	371
13	249	33	22	31	7.3	3.9	6.0	2.5	1.2	165	158	337
14	240	32	22	29	6.9	3.7	5.7	1.9	1.2	159	145	302
15	234	31	23	27	6.8	3.7	5.4	1.8	2.1	150	134	268
16	226	30	44	26	6.8	3.6	5.1	2.2	1.6	138	124	240
17	219	29	53	25	6.4	3.3	5.2	2.1	1.3	122	119	216
18	204	28	43	25	6.0	3.1	4.6	2.0	1.4	107	123	196
19	188	27	40	23	8.2	3.0	4.2	1.9	1.4	95	124	177
20	171	26	40	22	15	3.0	3.7	1.8	1.4	83	129	161
21	162	25	46	22	9.8	3.2	3.4	1.6	1.3	93	134	146
22	158	24	43	21	9.0	3.1	3.1	1.5	1.3	114	161	134
23	150	23	40	21	8.6	17	3.2	1.6	1.3	104	159	121
24	140	22	39	20	7.7	22	3.0	1.6	2.6	91	154	108
25	129	22	39	20	7.1	15	2.6	1.5	16	82	150	102
26	121	21	39	20	6.4	11	2.4	1.4	16	76	161	100
27	114	21	63	19	5.8	11	2.3	1.4	36	75	217	107
28	108	20	73	18	5.5	11	2.1	1.3	59	74	237	124
29	101	20	67	17	------	11	2.0	1.2	97	77	239	138
30	89	20	64	18	------	11	1.9	1.2	108	75	234	150
31	81	------	62	19	------	9.8	------	1.1	------	89	227	------
TOTAL	6,441	1,075	1,134	963	272.2	209.3	191.5	56.7	366.1	4,110	5,026	6,921
MEAN	208	35.8	36.6	31.1	9.72	6.75	6.38	1.83	12.2	133	162	231
MAX	311	75	73	60	18	22	16	4.1	108	225	239	448
MIN	81	20	18	17	5.5	3.0	1.9	1.1	1.1	74	119	100
CFSM	1.73	.30	.31	.26	.08	.06	.05	.02	.10	1.11	1.35	1.93
IN.	2.00	.33	.35	.30	.08	.06	.06	.02	.11	1.27	1.56	2.15

CAL YR 1973 TOTAL 29,292.8 MEAN 80.3 MAX 311 MIN 4.7 CFSM .67 IN 9.08
WTR YR 1974 TOTAL 26,765.8 MEAN 73.3 MAX 448 MIN 1.1 CFSM .61 IN 8.30

02244450 St. Johns River at Palatka, Fla.

LOCATION.--Lat 29°38'48", long 81°37'32", in NW quarter sec. 7, T.10 S., R.27 E., Putnam County, near center of span under bridge on U.S. Highway 17 at Palatka, 6.3 mi (10.1 km) downstream from Dunns Creek and 78 mi (126 km) upstream from mouth.

DRAINAGE AREA.--7,065 sq mi (18,298 sq km), revised, includes Paynes Prairie, a diked sinkhole area of about 650 sq mi (1,684 sq km), revised, which is noncontributing except for pumpage.

PERIOD OF RECORD.--January 1968 to current year.

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level.

AVERAGE DISCHARGE.--6 years, 8,176 cfs (231.5 cu m/s), 5,924,000 acre-ft/yr (7.30 cu km/yr).

EXTREMES.--Current year: Maximum daily discharge, 28,200 cfs (799 cu m/s) Oct. 31; maximum gage height, 13.01 ft (3.965 m) Sept. 24; maximum daily reverse flow, 9,210 cfs (261 cu m/s) Mar. 14; minimum gage height, 9.23 ft (2.813 m) Jan. 28, Mar. 21.
Period of record: Maximum daily discharge, 31,300 cfs (886 cu m/s) Nov. 5, 1970; maximum gage height, 13.90 ft (4.237 m) Sept. 30, 1969; maximum daily reverse flow, 20,400 cfs (578 cu m/s) June 6, 1968, corrected; minimum gage height, 8.54 ft (2.603 m) Feb. 14, 1971.

REMARKS.--Records fair. Flow affected by tide. Discharge computed using continuous velocity record obtained from recording deflection meter. The stage record published is the maximum and minimum tide event for each calendar day. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22,400	20,100	13,900	14,000	7,270	12,800	14,900	10,700	6,830	18,300	22,000	22,100
2	15,500	17,400	10,600	11,000	4,940	13,800	12,300	8,070	9,430	20,800	21,300	21,500
3	12,000	15,000	6,730	5,000	10,900	12,600	9,930	7,640	4,220	21,000	19,400	13,900
4	10,500	16,000	11,100	12,000	-547	11,000	10,700	3,470	-6,520	21,700	18,800	18,000
5	7,700	13,900	17,000	6,000	144	7,770	4,150	2,980	-7,940	21,300	17,100	11,300
6	3,860	79	7,980	10,000	4,550	8,350	756	-3,540	-1,520	21,600	19,900	13,500
7	1,760	6,770	3,410	13,000	7,310	6,480	6,150	-1,740	4,340	21,900	18,800	18,400
8	8,840	9,960	-713	10,000	5,980	2,990	9,270	-231	5,330	19,000	19,500	20,000
9	13,000	10,700	3,900	7,000	912	5,980	699	844	7,110	19,100	17,800	15,600
10	10,600	-6,180	10,500	14,000	-504	5,250	298	4,900	8,570	21,300	19,700	12,400
11	9,780	-7,650	11,600	8,000	3,510	5,630	5,200	15,100	13,200	20,900	14,200	13,300
12	9,750	-869	15,100	7,000	4,580	268	6,670	14,200	6,000	15,100	10,600	15,900
13	9,730	13,600	14,700	6,000	6,760	-6,670	8,130	-3,120	6,530	3,320	17,800	19,700
14	9,210	18,400	15,000	10,000	11,200	-9,210	11,400	1,800	1,910	13,100	18,400	18,800
15	16,100	17,500	13,100	12,000	13,600	6,040	9,690	2,530	5,020	17,900	24,300	17,400
16	17,400	18,900	3,270	16,400	7,050	13,700	4,590	5,250	6,090	23,800	20,900	16,800
17	9,780	12,400	10,900	16,700	-4,140	10,700	4,360	4,880	13,400	21,300	18,900	21,100
18	-753	11,000	13,700	11,200	2,420	10,300	-2,660	5,360	10,800	19,700	16,700	16,900
19	3,600	11,700	8,080	3,510	10,300	12,300	1,630	7,760	5,600	20,300	16,900	16,500
20	3,310	12,100	13,700	9,310	8,330	11,100	3,760	2,740	7,150	18,300	16,800	15,100
21	6,810	13,600	20,700	11,200	7,640	13,600	3,230	-5,230	9,640	16,800	11,000	21,300
22	4,150	11,100	19,400	8,530	10,100	-3,470	5,990	-3,440	7,100	5,040	16,500	22,000
23	4,610	9,000	15,000	8,040	7,200	-3,130	6,450	4,330	8,080	9,860	18,900	886
24	3,570	11,600	16,000	9,940	5,460	315	3,840	4,230	17,500	14,800	24,800	-4,150
25	6,700	12,700	14,000	10,200	1,450	569	-6,810	2,830	2,910	21,600	23,000	137
26	11,300	14,100	18,000	11,800	4,010	-4,910	-4,890	7,870	824	23,000	24,600	17,200
27	16,900	14,200	12,000	11,100	1,610	4,460	49	5,160	2,110	23,100	22,300	27,000
28	18,000	16,800	14,000	12,700	8,400	9,070	6,830	1,410	11,700	22,500	24,200	27,900
29	22,300	8,070	16,000	12,800	------	17,700	6,160	6,390	18,300	17,800	23,600	25,300
30	24,700	8,740	13,000	10,100	------	17,600	10,300	9,640	19,900	18,500	25,200	17,700
31	28,200	------	11,000	5,000	------	16,800	------	10,300	------	20,400	25,000	------
TOTAL	341,307	330,720	372,657	313,530	147,435	209,782	153,072	133,083	203,614	573,120	608,900	493,473
MEAN	11,010	11,020	12,020	10,110	5,266	6,767	5,102	4,293	6,787	18,490	19,640	16,450
MAX	28,200	20,100	20,700	16,700	13,600	17,700	14,900	15,100	19,900	23,800	25,200	27,900
MIN	-753	-7,650	-713	3,510	-4,140	-9,210	-6,810	-5,230	-7,940	3,320	10,600	-4,150
AC-FT	677,000	656,000	739,200	621,900	292,400	416,100	303,600	264,000	403,900	1,137M	1,208M	978,800

CAL YR 1973 TOTAL 3,376,446.00 MEAN 9,251 MAX 28,200 MIN -17,700 AC-FT 6,697,000
WTR YR 1974 TOTAL 3,880,693.00 MEAN 10,630 MAX 28,200 MIN -9,210 AC-FT 7,697,000

NOTE.--Negative figures indicate reverse flow.

02244450 St. Johns River at Palatka, Fla.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.00	11.45	11.23	11.38	10.72	10.79	10.65	10.73	10.80	11.64	11.44	11.26
2	12.06	11.56	11.38	11.14	10.81	10.54	10.68	10.70	10.83	11.60	11.42	11.23
3	12.11	11.54	11.44	11.17	10.74	10.53	10.76	10.73	11.01	11.49	11.51	11.60
4	12.14	11.47	11.42	10.96	10.98	10.54	10.83	10.71	11.26	11.43	11.54	11.43
5	12.17	11.52	11.02	10.89	11.13	10.61	11.01	10.84	11.56	11.52	11.87	11.79
6	12.42	11.87	11.27	10.80	11.14	10.64	11.08	11.12	11.55	11.58	11.64	11.97
7	12.59	11.94	11.30	11.00	11.19	10.73	10.88	11.20	11.40	11.56	11.65	11.88
8	12.62	11.82	11.71	11.21	11.09	10.72	10.95	11.22	11.29	11.65	11.57	12.01
9	12.48	11.77	11.84	11.19	11.16	10.71	10.97	11.33	11.21	11.61	11.66	12.24
10	12.49	12.31	11.60	11.24	11.14	10.70	10.80	11.27	11.10	11.57	11.76	12.32
11	12.54	12.55	11.50	11.20	11.11	10.74	10.87	11.05	11.01	11.44	11.84	12.34
12	12.62	12.43	11.44	11.25	11.03	10.79	10.87	10.61	11.03	11.71	12.08	12.37
13	12.60	12.14	11.41	11.23	11.00	11.27	10.83	10.97	11.10	11.97	12.03	12.30
14	12.52	11.90	11.26	11.21	10.84	11.38	10.59	11.00	11.26	11.88	11.94	12.34
15	12.35	11.73	11.26	11.13	10.63	11.25	10.44	10.96	11.38	11.73	11.96	12.35
16	12.21	11.51	11.66	10.93	10.83	10.92	10.56	10.97	11.40	11.71	11.96	12.34
17	12.39	11.68	11.37	10.65	11.23	10.70	10.70	10.95	11.25	11.64	11.98	12.29
18	12.53	11.70	11.29	10.77	11.08	10.67	10.78	10.90	11.22	11.59	12.00	12.25
19	12.46	11.66	11.46	11.04	11.39	10.60	10.93	10.91	11.34	11.61	12.09	12.41
20	12.55	11.63	11.44	11.00	11.00	10.68	10.89	10.91	11.33	11.56	12.18	12.34
21	12.65	11.57	11.25	10.95	10.99	10.47	10.96	11.32	11.33	11.57	12.23	12.10
22	12.71	11.60	10.80	10.97	10.90	10.71	11.01	11.44	11.30	12.00	12.23	11.95
23	12.84	11.65	11.28	10.98	10.98	11.25	10.88	11.37	11.27	12.02	12.14	12.40
24	12.97	11.68	11.39	10.96	10.85	11.39	10.79	11.18	11.13	11.89	11.95	13.01
25	12.98	11.59	11.42	10.91	10.98	11.59	11.10	11.11	11.62	11.71	11.83	12.92
26	12.82	11.49	11.19	10.83	10.84	11.65	11.16	11.10	11.88	11.50	11.73	12.61
27	12.64	11.47	11.38	10.79	10.84	11.59	11.15	11.03	12.06	11.33	11.65	12.56
28	12.54	11.32	11.48	10.68	10.88	11.43	11.05	11.14	11.99	11.43	11.56	12.33
29	12.33	11.21	11.55	10.54	------	11.27	10.93	11.07	11.95	11.48	11.55	12.15
30	11.86	11.36	11.41	10.58	------	10.95	10.78	11.02	11.68	11.58	11.51	12.17
31	11.34	------	11.42	10.60	------	10.80	------	10.88	------	11.59	11.34	-----
MEAN	12.44	11.70	11.38	10.97	10.98	10.92	10.86	11.02	11.35	11.63	11.80	12.18
MAX	12.98	12.55	11.84	11.38	11.39	11.65	11.16	11.44	12.06	12.02	12.23	13.01
MIN	11.34	11.21	10.80	10.54	10.63	10.47	10.44	10.61	10.80	11.33	11.34	11.23

CAL YR 1973 MEAN 11.55 MAX 12.98 MIN 10.56
WTR YR 1974 MEAN 11.44 MAX 13.01 MIN 10.44

02244450 St. Johns River at Palatka, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.88	10.35	10.05	9.99	9.55	9.58	9.37	9.36	9.63	10.20	10.10	9.91
2	11.00	10.36	10.07	9.85	9.52	9.34	9.38	9.37	9.66	10.18	10.25	9.93
3	11.15	10.46	10.31	9.83	9.42	9.25	9.53	9.34	9.82	10.26	10.25	9.99
4	11.23	10.33	10.19	9.49	9.76	9.30	9.50	9.41	10.09	10.23	10.36	10.14
5	11.38	10.41	10.06	9.44	9.78	9.34	9.53	9.59	10.32	10.33	10.35	10.45
6	11.41	10.60	9.95	9.41	9.83	9.34	9.51	9.90	10.22	10.32	10.54	10.69
7	11.68	10.80	10.13	9.64	9.81	9.32	9.47	9.90	10.14	10.28	10.33	10.62
8	11.58	10.64	10.46	9.79	9.51	9.33	9.35	9.98	10.11	10.30	10.35	10.63
9	11.48	10.55	10.56	9.89	9.80	9.29	9.32	10.05	10.02	10.43	10.35	11.00
10	11.42	10.82	10.34	9.96	9.83	9.38	9.51	10.06	9.95	10.51	10.38	11.13
11	11.47	11.22	10.12	9.93	9.84	9.31	9.59	9.72	9.76	10.31	10.63	11.26
12	11.53	11.25	10.02	9.97	9.77	9.47	9.65	9.48	9.88	10.44	10.92	11.23
13	11.53	10.89	9.99	9.97	9.84	9.44	9.51	9.64	9.97	10.99	10.79	11.13
14	11.39	10.65	9.87	9.99	9.69	9.98	9.36	9.88	10.03	10.76	10.67	11.04
15	11.23	10.39	9.94	9.87	9.50	10.09	9.25	9.84	10.18	10.53	10.61	11.06
16	11.02	10.33	10.16	9.73	9.51	9.84	9.37	9.78	10.07	10.27	10.63	11.11
17	11.12	10.37	10.28	9.55	9.84	9.66	9.50	9.79	9.93	10.04	10.67	11.04
18	11.55	10.54	10.08	9.48	9.90	9.48	9.70	9.65	9.97	10.09	10.75	11.05
19	11.54	10.51	10.18	9.79	9.84	9.45	9.61	9.53	9.95	10.08	10.83	11.20
20	11.51	10.45	10.32	9.80	9.70	9.31	9.70	9.67	9.98	10.03	10.86	11.21
21	11.69	10.42	9.72	9.67	9.72	9.23	9.77	10.02	9.95	10.28	11.03	10.99
22	11.69	10.39	9.47	9.70	9.43	9.58	9.52	10.06	9.95	10.59	11.08	10.84
23	11.87	10.39	9.93	9.70	9.62	9.88	9.40	9.87	9.92	10.72	10.98	11.17
24	11.78	10.41	10.29	9.73	9.63	10.06	9.65	9.85	9.86	10.64	10.78	11.77
25	11.88	10.43	9.82	9.65	9.55	9.94	9.55	9.74	10.02	10.38	10.71	12.05
26	11.71	10.26	10.09	9.51	9.69	10.19	9.82	9.77	10.54	10.16	10.56	11.65
27	11.56	10.18	9.88	9.50	9.64	10.36	9.80	9.85	10.90	10.12	10.41	11.35
28	11.41	9.96	9.69	9.23	9.71	10.18	9.70	9.87	10.71	10.04	10.29	11.12
29	11.23	10.28	10.16	9.24	------	9.72	9.64	9.93	10.43	10.31	10.20	10.94
30	10.74	10.20	10.23	9.29	------	9.75	9.50	9.69	10.32	10.31	10.05	11.07
31	10.14	------	9.76	9.36	------	9.50	------	9.54	------	10.17	9.92	------
MEAN	11.38	10.49	10.07	9.68	9.69	9.61	9.54	9.75	10.08	10.33	10.54	10.96
MAX	11.88	11.25	10.56	9.99	9.90	10.36	9.82	10.06	10.90	10.99	11.08	12.05
MIN	10.14	9.96	9.47	9.23	9.42	9.23	9.25	9.34	9.63	10.03	9.92	9.91

CAL YR 1973 MEAN 10.28 MAX 11.88 MIN 9.21
WTR YR 1974 MEAN 10.18 MAX 12.05 MIN 9.23

02244473 Rice Creek near Springside, Fla.

LOCATION.--Lat 29°41'17", long 81°44'32", in land grant 40, T.9 S., R.26 E., Putnam County, near left bank on downstream side of bridge on State Highway 100, 1.8 mi (2.9 km) northwest of Springside, 5.9 mi (9.5 km) northwest of Palatka, and 7.5 mi (12.1 km) upstream from mouth.

DRAINAGE AREA.--43.2 sq mi (111.9 sq km).

PERIOD OF RECORD.--October 1973 to September 1974.

GAGE.--Water-stage recorder. Datum of gage is 1.04 ft (0.317 m) above mean sea level (levels by Wardlin Engineering Associates).

EXTREMES.--Current year: Maximum discharge, 491 cfs (13.9 cu m/s) July 5 (gage height, 7.28 ft or 2.219 m); minimum, 2.8 cfs (0.079 cu m/s) June 1 (gage height, 2.33 or 0.710 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	12	7.5	71	11	16	21	3.8	2.9	221	36	8.8
2	40	12	7.4	68	11	14	16	3.7	3.4	380	42	7.7
3	35	11	7.5	58	11	13	14	3.5	6.8	380	45	11
4	30	10	7.6	51	11	12	12	3.9	6.8	364	42	58
5	25	10	7.6	44	11	11	12	6.4	6.3	478	56	132
6	25	14	8.5	39	11	11	14	7.9	5.1	451	246	247
7	35	15	9.1	35	10	10	12	12	5.2	354	221	333
8	40	13	19	31	14	9.5	9.7	10	5.4	260	111	348
9	30	11	41	28	20	9.1	8.5	7.1	8.7	210	159	380
10	26	9.9	49	25	15	8.6	7.4	5.7	14	174	285	304
11	27	9.1	34	23	13	8.2	6.8	4.9	7.9	141	200	232
12	30	9.1	24	21	12	7.9	6.4	5.0	10	118	153	178
13	25	9.1	20	20	11	8.0	6.2	7.7	12	119	145	150
14	20	8.7	18	19	11	8.0	5.9	6.0	7.3	85	106	122
15	17	8.5	16	18	10	7.9	5.7	5.0	12	46	65	96
16	15	8.3	31	17	9.9	7.9	5.4	5.4	30	30	38	65
17	14	8.2	133	16	9.5	7.6	5.5	6.8	30	19	34	36
18	13	8.1	144	15	9.0	7.0	5.3	9.5	16	14	68	24
19	12	8.1	98	15	20	6.8	4.9	7.1	10	11	68	24
20	11	8.2	77	14	86	6.5	4.7	6.4	7.0	9.0	92	19
21	20	8.3	96	14	115	6.9	4.6	5.3	6.0	11	80	15
22	35	8.2	102	14	78	6.9	4.6	4.6	8.6	20	68	12
23	50	8.2	82	13	53	26	4.8	4.2	6.3	30	138	11
24	40	8.3	61	12	40	134	5.7	4.3	21	29	130	10
25	28	8.5	50	12	32	152	5.2	3.8	174	22	82	11
26	20	8.2	44	12	24	128	4.5	3.5	221	30	49	11
27	16	7.9	61	12	20	112	4.3	3.4	301	44	34	10
28	14	7.6	96	11	18	101	4.1	3.5	304	43	24	10
29	13	7.5	93	11	------	87	3.9	3.2	249	52	16	8.7
30	12	7.4	75	11	------	59	3.8	3.2	221	58	12	8.0
31	11	------	68	12	------	35	------	3.0	------	44	10	------
TOTAL	775	283.4	1,587.2	762	696.4	1,037.8	228.9	169.8	1,718.7	4,247.0	2,855	2,882.2
MEAN	25.0	9.45	51.2	24.6	24.9	33.5	7.63	5.48	57.3	137	92.1	96.1
MAX	50	15	144	71	115	152	21	12	304	478	285	380
MIN	11	7.4	7.4	11	9.0	6.5	3.8	3.0	2.9	9.0	10	7.7
CFSM	.58	.22	1.20	.57	.58	.78	.18	.13	1.34	3.20	2.15	2.25
IN.	.67	.25	1.38	.66	.61	.90	.20	.15	1.49	3.69	2.48	2.51

WTR YR 1974 TOTAL 17,243.4 MEAN 47.2 MAX 478 MIN 2.9 CFSM 1.10 IN 14.99

PEAK DISCHARGE (BASE, 350 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-27	1600	6.92	354	8-6	1630	6.93	358
7-5	0400	7.28	491	9-9	0200	7.10	415

02245050 Etonia Creek at Bardin, Fla.

LOCATION.--Lat 29°43'00", long 81°43'31", in NW quarter sec.17, T.9 S., R.26 E., Putnam County, near left bank on downstream side of bridge on Bardin Road, 0.2 mi (0.3 km) north of Bardin, 4.6 mi (7.4 km) upstream from mouth, and 6.2 mi (10.0 km) northwest of Palatka.

DRAINAGE AREA.--219 sq mi (567 sq km).

PERIOD OF RECORD.--October 1973 to September 1974.

GAGE.--Water-stage recorder. Datum of gage is 7.60 ft (2.316 m) above mean sea level (levels by Wardlin Engineering Associates).

EXTREMES.--Current year: Maximum discharge, 379 cfs (10.7 cu m/s) July 9 (gage height, 6.19 ft or 1.887 m); minimum, 55 cfs (1.56 cu m/s) Nov. 15, 16; minimum gage height, 1.40 ft (0.427 m) Nov. 16.

REMARKS.--Records good. Records include an appreciable amount of ground-water flow from Hudson Pulp and Paper Corporation production wells.

COOPERATION.--Ground-water flow data furnished by Hudson Pulp and Paper Corporation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110	65	94	116	85	87	83	64	59	147	119	127
2	100	64	94	114	83	85	83	64	6	165	117	115
3	95	63	94	111	81	84	82	63	68	140	136	114
4	90	62	93	109	80	82	81	62	68	157	139	118
5	85	62	85	108	78	81	81	63	68	250	169	141
6	80	73	86	106	78	80	96	67	64	265	278	228
7	85	71	86	104	79	79	99	78	66	309	327	274
8	90	66	106	101	116	79	93	73	71	296	268	254
9	80	63	161	99	118	78	87	69	86	346	244	237
10	75	61	144	97	98	77	82	66	87	276	241	242
11	72	59	117	95	91	76	79	62	77	214	250	242
12	75	57	108	94	88	76	77	70	73	166	271	219
13	72	57	103	93	85	77	75	124	68	142	252	188
14	70	56	101	91	84	77	74	95	64	122	223	162
15	66	55	99	90	82	76	73	77	83	110	187	143
16	64	77	134	90	82	75	72	72	108	102	161	131
17	62	97	241	88	81	74	72	70	96	95	231	124
18	60	99	238	88	79	73	69	73	94	90	238	120
19	58	99	194	87	89	71	65	71	87	87	228	120
20	57	99	164	87	171	71	65	67	79	86	208	118
21	70	99	179	86	167	73	66	66	74	88	176	115
22	90	98	176	85	156	80	67	64	72	111	174	113
23	84	98	157	84	110	97	70	62	70	112	214	110
24	77	98	143	84	101	178	73	62	92	96	188	109
25	73	98	126	84	96	178	70	60	242	94	176	111
26	78	98	119	85	92	135	68	61	262	189	169	109
27	73	97	146	84	89	115	67	61	280	154	171	108
28	71	96	160	83	88	105	66	61	285	139	152	107
29	70	96	146	82	------	98	65	60	241	144	134	106
30	67	95	133	82	------	92	65	59	173	142	134	105
31	65	------	124	85	------	87	------	59	------	129	136	------
TOTAL	2,364	2,378	4,151	2,894	2,727	2,796	2,265	2,125	3,317	4,963	6,111	4,510
MEAN	76.3	79.3	134	93.4	97.4	90.2	75.5	68.5	111	160	197	150
MAX	110	99	241	118	171	178	99	124	285	346	327	274
MIN	57	55	85	82	78	71	65	59	59	86	117	105
(†)	7.4	55.0	57.6	54.2	54.2	53.7	44.5	40.9	40.8	42.6	63.1	63.1
MEAN ‡	68.9	24.3	76.4	39.2	43.2	36.5	31.0	27.6	70.2	117	134	86.9
CFSM ‡	.31	.11	.34	.18	.19	.16	.14	.12	.32	.53	.60	.39
IN. ‡	.36	.12	.39	.21	.20	.18	.16	.14	.36	.61	.69	.44

WTR YR 1974 TOTAL 40,601 MEAN 111 MAX 346 MIN 55 MEAN ‡ 62.9 CFSM ‡ .28 IN. ‡ 3.86

† Artesian flow, equivalent in cubic feet per second, from controlled wells.
‡ Adjusted for artesian flow.

02245140 Simms Creek near Bardin, Fla.

LOCATION.--Lat 29°44'26", long 81°42'49", in SE quarter sec.5, T.9 S., R.26 E., Putnam County, on downstream side of bridge on Simms Creek Road, 2.0 mi (3.2 km) north of Bardin, 3.1 mi (5.0 km) upstream from Etonia Creek, and 7.1 mi (11.4 km) northwest of Palatka.

DRAINAGE AREA.--47.3 sq mi (122.5 sq km).

PERIOD OF RECORD.--October 1973 to September 1974.

GAGE.--Water-stage recorder. Datum of gage is 7.26 ft (2.213 m) above mean sea level (levels by Wardlin Engineering Associates).

EXTREMES.--Current year: Maximum discharge, 1,410 cfs (39.9 cu m/s) Sept. 6 (gage height, 8.21 ft or 2.502 m); minimum, 7.3 cfs (0.21 cu m/s) June 1 (gage height, 1.83 ft or 0.558 m).

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	15	12	30	17	17	19	8.2	7.4	50	49	23
2	17	14	12	28	16	16	17	8.0	7.8	209	52	21
3	15	14	12	26	14	16	16	7.9	10	131	74	26
4	14	13	12	25	14	15	15	8.0	12	212	80	98
5	14	14	12	25	13	14	15	8.5	10	290	99	323
6	14	17	13	23	13	14	21	11	8.9	256	623	1,110
7	18	15	13	22	15	14	18	16	8.5	368	409	470
8	15	14	29	21	39	13	16	12	8.3	322	259	298
9	14	14	51	20	30	13	14	10	9.0	308	206	280
10	13	13	30	19	22	13	13	9.3	13	245	242	266
11	12	13	22	18	18	12	13	8.7	12	144	235	201
12	14	13	19	18	17	12	12	15	10	99	277	136
13	14	13	17	17	16	13	12	38	8.8	84	262	97
14	12	13	16	17	15	13	11	19	8.2	65	156	77
15	12	12	16	16	14	13	11	14	15	49	99	59
16	12	12	38	16	14	12	11	12	23	37	79	47
17	12	12	93	15	14	12	10	11	17	28	500	39
18	12	12	91	15	13	12	10	18	16	23	456	36
19	12	12	59	15	24	11	9.7	14	12	22	290	82
20	12	12	46	15	77	12	9.5	13	10	20	228	84
21	26	12	55	15	69	30	9.3	12	9.7	23	142	57
22	45	12	51	14	41	27	9.2	10	17	70	99	43
23	78	12	41	14	31	38	9.7	9.4	13	98	83	34
24	47	13	35	14	26	95	11	9.2	31	53	67	32
25	31	13	31	14	22	99	9.8	8.9	95	40	57	45
26	24	12	29	13	20	63	9.2	8.4	104	103	64	42
27	20	12	50	13	18	45	8.8	8.3	136	129	63	35
28	18	12	55	13	18	37	8.6	8.4	165	92	48	31
29	17	12	46	13	------	30	8.4	8.1	95	86	38	26
30	15	12	39	13	------	26	8.3	7.9	57	82	30	25
31	14	------	34	18	------	22	------	7.6	------	63	26	------
TOTAL	611	389	1,079	555	660	779	365.5	359.8	949.6	3,801	5,392	4,143
MEAN	19.7	13.0	34.8	17.9	23.6	25.1	12.2	11.6	31.7	123	174	138
MAX	78	17	93	30	77	99	21	38	165	368	623	1,110
MIN	12	12	12	13	13	11	8.3	7.6	7.4	20	26	21
CFSM	.42	.27	.74	.38	.50	.53	.26	.25	.67	2.60	3.68	2.92
IN.	.48	.31	.85	.44	.52	.61	.29	.28	.75	2.99	4.24	3.26

WTR YR 1974 TOTAL 19,083.9 MEAN 52.3 MAX 1,110 MIN 7.4 CFSM 1.11 IN 15.01

PEAK DISCHARGE (BASE, 650 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
8-6	1030	7.59	823	9-6	0400	8.21	1,410
8-17	1000	7.34	670				

02245500 South Fork Black Creek near Penney Farms, Fla.

LOCATION.--Lat 29°58'45", long 81°51'08", in NE quarter sec.13, T.6 S., R.24 E., Clay County, on right bank at upstream side of bridge on State Highway 16, 0.7 mi (1.1 km) downstream from Greens Creek, 2.5 mi (4.0 km) west of Penney Farms, 9.5 mi (15.3 km) west of Green Cove Springs, and 24 mi (39 km) upstream from mouth of Black Creek.

DRAINAGE AREA.--134 sq mi (347 sq km).

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 9.82 ft (2.993 m) above mean sea level (levels by Corps of Engineers). Prior to July 18, 1940, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--35 years, 164 cfs (4.644 cu m/s), 16.62 in/yr (422 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,350 cfs (38.2 cu m/s) Sept. 6 (gage height, 12.63 ft or 3.850 m); minimum, 24 cfs (0.68 cu m/s) June 2 (gage height, 0.83 ft or 0.253 m).
Period of record: Maximum discharge, 13,900 cfs (394 cu m/s) Oct. 19, 1944 (gage height, 26.33 ft or 8.025 m, from floodmarks), from rating curve extended above 11,000 cfs (312 cu m/s); minimum, about 9.4 cfs (0.27 cu m/s) June 24, 1955; minimum gage height, 0.40 ft (0.122 m) May 4, 1968.

REMARKS.--Records fair.

REVISIONS.--WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	79	41	36	92	67	48	57	27	25	114	157	113
2	71	42	36	85	55	47	52	26	25	86	117	75
3	65	42	36	81	51	46	51	25	35	138	198	64
4	61	41	36	77	50	44	50	29	46	344	191	59
5	58	40	36	73	46	43	73	69	38	375	256	259
6	56	42	36	70	45	42	131	53	34	600	783	1,110
7	58	43	36	67	46	41	153	108	44	745	782	1,060
8	61	42	126	65	70	40	118	53	60	538	421	598
9	56	42	164	62	63	40	87	41	135	339	275	575
10	53	40	101	61	57	39	66	36	128	279	207	600
11	53	40	73	59	52	38	55	32	80	213	249	440
12	55	40	67	58	49	37	49	47	68	178	195	287
13	54	39	64	56	46	41	46	88	46	156	143	213
14	50	39	59	55	44	39	43	71	40	142	114	173
15	49	39	55	54	44	39	41	52	258	103	91	141
16	48	38	252	53	44	38	40	83	218	81	79	118
17	47	38	355	52	43	38	39	96	117	65	81	102
18	46	38	220	51	43	36	37	131	72	55	178	109
19	45	39	169	51	46	35	35	74	55	51	190	451
20	44	38	151	51	129	40	34	96	46	48	145	233
21	44	38	174	51	139	74	33	66	41	78	111	153
22	51	38	149	49	91	58	32	47	37	68	128	125
23	59	38	120	48	76	167	33	40	35	64	221	122
24	53	38	106	47	67	293	38	38	41	57	173	109
25	48	39	96	49	60	214	35	34	97	66	275	101
26	45	38	90	54	54	167	32	31	191	103	176	95
27	43	37	130	49	52	142	31	30	497	71	122	98
28	42	37	140	47	50	113	29	30	505	126	94	130
29	44	38	126	48	------	100	28	28	273	198	78	107
30	42	36	111	49	------	81	28	27	174	149	106	101
31	41	------	101	66	------	66	------	26	------	99	164	------
TOTAL	1,621	1,180	3,451	1,830	1,679	2,286	1,576	1,634	3,461	5,729	6,500	7,921
MEAN	52.3	39.3	111	59.0	60.0	73.7	52.5	52.7	115	185	210	264
MAX	79	43	355	92	139	293	153	131	505	745	783	1,110
MIN	41	36	36	47	43	35	28	25	25	48	78	59
CFSM	.39	.29	.83	.44	.45	.55	.39	.39	.86	1.38	1.57	1.97
IN.	.45	.33	.96	.51	.47	.63	.44	.45	.96	1.59	1.80	2.20

CAL YR 1973 TOTAL 75,247 MEAN 206 MAX 1,870 MIN 36 CFSM 1.54 IN 20.89
WTR YR 1974 TOTAL 38,868 MEAN 106 MAX 1,110 MIN 25 CFSM .79 IN 10.79

PEAK DISCHARGE (BASE, 1,300 CFS).--Sept. 6 (2100) 1,350 cfs (12.63 ft).

02246000 North Fork Black Creek near Middleburg, Fla.

LOCATION.--Lat 30°06'47", long 81°54'24", in NE quarter sec.33, T.4 S., R.24 E., Clay County, on left bank 0.3 mi (0.5 km) upstream from Big Branch, 4 mi (6 km) northwest of Middleburg, and 7.5 mi (12.1 km) upstream from confluence with South Fork.

DRAINAGE AREA.--174 sq mi (451 sq km).

PERIOD OF RECORD.--October 1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.62 ft (0.189 m) above mean sea level (levels by Corps of Engineers). Prior to Mar. 31, 1933, nonrecording gage at site 0.4 mi (0.6 km) downstream at different datum. Mar. 31, 1933, to Apr. 28, 1955, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--43 years, 197 cfs (5.579 cu m/s), 15.38 in/yr (391 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,040 cfs (143 cu m/s) Sept. 6 (gage height, 17.95 ft or 5.471 m); minimum discharge, 21 cfs (0.59 cu m/s) May 3, 4 (gage height, 0.93 ft or 0.284 m).
Period of record: Maximum discharge, 12,600 cfs (357 cu m/s) May 3, 1964 (gage height, 23.91 ft or 7.288 m); minimum observed, 3.6 cfs (0.10 cu m/s) June 8, 1935 (gage height, 0.26 ft or 0.079 m).
Maximum stage known, 25.3 ft (7.71 m) in June 1919, from information by local resident (discharge, 15,000 cfs or 425 cu m/s).

REMARKS.--Records fair. Stage-discharge relation affected by tide on some days.

REVISIONS (WATER YEARS).--WSP 852: 1933 (M). WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	150	40	27	162	103	48	146	24	30	118	441	225
2	120	36	26	137	104	44	117	22	45	73	394	178
3	100	32	26	122	89	42	135	21	58	54	626	151
4	90	30	26	111	69	39	164	22	52	98	916	141
5	80	30	25	103	56	38	170	37	43	149	908	570
6	80	32	25	93	50	36	195	75	36	254	2,400	3,830
7	100	36	25	86	50	35	168	165	51	422	2,300	3,850
8	150	32	92	84	97	34	127	123	85	506	1,250	1,700
9	120	29	196	75	111	33	98	89	237	575	920	1,530
10	100	28	137	68	92	32	77	61	292	575	845	1,450
11	90	28	112	62	72	31	62	41	296	326	792	1,040
12	100	27	104	58	61	30	52	267	291	216	509	908
13	90	27	84	55	54	30	44	1,260	202	224	546	602
14	80	26	64	53	49	29	40	1,030	125	238	421	408
15	70	26	55	52	45	28	40	430	131	176	268	316
16	60	25	177	51	43	28	58	258	172	127	282	310
17	50	25	419	49	41	27	66	213	165	103	749	373
18	45	26	371	47	38	26	54	227	136	72	1,750	281
19	40	27	283	45	44	25	43	256	103	59	2,920	391
20	35	28	236	44	137	27	36	190	73	51	1,810	955
21	40	28	240	44	138	60	33	142	53	82	1,210	617
22	80	27	211	43	129	156	31	116	40	89	1,450	334
23	100	27	176	41	134	332	31	78	33	94	858	253
24	90	28	152	39	110	596	32	67	31	98	531	251
25	80	28	133	38	82	661	31	61	46	74	402	221
26	70	27	119	38	64	539	30	56	63	80	337	183
27	60	27	195	40	55	556	29	45	196	117	314	157
28	50	28	308	43	51	443	29	38	248	238	228	142
29	60	28	322	45	------	332	28	34	223	701	178	129
30	50	27	248	54	------	279	26	31	178	796	248	132
31	45	------	197	96	------	203	------	30	------	545	303	------
TOTAL	2,475	865	4,811	2,078	2,168	4,819	2,192	5,509	3,734	7,330	27,106	21,628
MEAN	79.8	28.8	155	67.0	77.4	155	73.1	178	124	236	874	721
MAX	150	40	419	162	138	661	195	1,260	296	796	2,920	3,850
MIN	35	25	25	38	38	25	26	21	30	51	178	129
CFSM	.46	.17	.89	.39	.44	.89	.42	1.02	.71	1.36	5.02	4.14
IN.	.53	.18	1.03	.44	.46	1.03	.47	1.18	.80	1.57	5.80	4.62

CAL YR 1973 TOTAL 88,436 MEAN 242 MAX 4,670 MIN 20 CFSM 1.39 IN 18.91
WTR YR 1974 TOTAL 84,715 MEAN 232 MAX 3,850 MIN 21 CFSM 1.33 IN 18.11

PEAK DISCHARGE (BASE, 1,300 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
5-13	1530	13.23	1,540	8-22	0400	13.86	1,710
8-6	2030	16.34	3,340	9-6	1930	17.95	5,040
8-19	0100	16.05	3,050				

NOTE.--No gage-height record Oct. 1 to Nov. 9.

02246150 Big Davis Creek at Bayard, Fla.

LOCATION.--Lat 30°09'05", long 81°31'35", in land grant 37, T.4 S., R.28 E., Duval County, at downstream end of culvert on U.S. Highway 1, 0.8 mi (1.3 km) northwest of Bayard, 2.0 mi (3.2 km) upstream from mouth, and 14.8 mi (23.8 km) southeast of Union Station in Jacksonville.

DRAINAGE AREA.--13.6 sq mi (35.2 sq km).

PERIOD OF RECORD.--Annual maximum, water years 1964-66, 1970-74; August 1966 to September 1969 and June to September 1974.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Feb. 18, 1965, to Aug. 21, 1966, crest-stage gage at same site and datum.

EXTREMES.--Current year: Maximum discharge, 196 cfs (5.55 cu m/s) Aug. 6 (gage height, 7.91 ft or 2.411 m); minimum during period June to September, 0.79 cfs (0.022 cu m/s) June 1 (gage height, 4.13 ft or 1.259 m).
Period of record: Maximum discharge, 1,170 cfs (33.1 cu m/s) Aug. 29, 1968 (gage height, 10.47 ft or 3.191 m); minimum, 0.40 cfs (0.011 cu m/s) May 17, 1967 (gage height, 4.07 ft or 1.241 m).

REMARKS.--Records good.

REVISIONS.--WRD Fla. 1966: 1964 (M).

DISCHARGE, IN CUBIC FEET PER SECOND, JUNE TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									.85	12	9.7	5.9
2									1.3	10	9.2	4.9
3									5.6	17	11	4.3
4									8.4	37	9.4	4.6
5									12	47	2	51
6									15	35	174	108
7									6.4	25	121	71
8									5.3	17	73	45
9									4.9	12	68	34
10									9.9	9.2	48	26
11									46	7.1	35	20
12									38	5.6	28	15
13									21	6.5	21	11
14									12	5.8	14	9.7
15									16	4.2	10	8.0
16									13	3.1	17	6.8
17									8.2	2.4	53	5.8
18									7.3	1.9	40	5.1
19									5.9	1.6	61	4.8
20									4.3	1.6	44	4.7
21									3.2	4.2	30	4.4
22									3.0	8.8	65	3.9
23									2.2	8.1	56	4.5
24									2.5	4.9	37	5.0
25									13	3.9	29	4.6
26									33	4.6	24	4.3
27									68	6.9	18	5.1
28									53	25	13	9.7
29					------				33	38	10	12
30					------				20	23	8.2	8.6
31		------			------		------		------	13	6.9	------
TOTAL									473.25	401.5	1,163.4	517.7
MEAN									15.8	13.0	37.5	17.3
MAX									68	47	174	108
MIN									.85	1.6	6.9	3.9
CFSM									1.16	.96	2.76	1.27
IN.									1.29	1.10	3.18	1.42

PEAK DISCHARGE (BASE, 100 CFS, REVISED).--Aug. 6 (0900) 196 cfs (7.91 ft); Sept. 6 (0900) 117 cfs (7.37 ft).

02246300 Ortega River at Jacksonville, Fla.

LOCATION.--Lat 30°14'50", long 81°47'49", in NW quarter sec.15, T.3 S., R.25 E., Duval County, near center of span on downstream side of bridge on 103rd Street in Jacksonville, 15 mi (24 km) upstream from mouth.

DRAINAGE AREA.--27.8 sq mi (72.0 sq km).

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1928, 1956, 1958-60, January 1965 to current year. Prior to October 1971, published as "near Jacksonville".

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Jan. 21, 1965, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--9 years, 44.1 cfs (1.249 cu m/s), 21.54 in/yr (547 mm/yr).

EXTREMES.--Current year: Maximum discharge, 850 cfs (24.1 cu m/s) Sept. 6 (gage height, 37.08 ft or 11.302 m); minimum, 2.7 cfs (0.076 cu m/s) May 3, 4, June 1, 23, 24 (gage height, 29.28 ft or 8.925 m).
Period of record: Maximum discharge, 2,950 cfs (83.5 cu m/s) Aug. 30, 1968 (gage height, 39.32 ft or 11.985 m); minimum, 0.20 cfs (0.006 cu m/s) June 5, 1965 (gage height, 28.83 ft or 8.787 m).

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	4.6	4.7	29	22	10	58	3.4	2.8	6.0	65	49
2	21	4.2	4.2	24	16	9.6	35	3.2	5.6	5.2	50	27
3	17	4.1	4.2	22	14	9.2	33	2.9	7.1	11	41	26
4	14	4.0	4.0	20	13	8.4	38	8.1	5.5	19	42	42
5	12	4.0	3.7	19	12	8.0	38	23	4.9	20	95	328
6	12	3.9	4.2	17	11	7.3	43	13	5.8	43	207	806
7	21	3.7	4.2	16	13	6.8	38	11	12	131	176	513
8	33	3.7	18	15	27	6.6	25	8.1	10	111	145	290
9	20	3.7	25	14	25	6.0	19	6.1	15	288	119	198
10	16	3.3	21	13	18	5.5	16	4.4	15	300	72	138
11	14	3.1	14	12	15	5.1	13	3.5	11	182	45	111
12	13	3.2	12	11	13	4.8	12	318	9.4	111	45	82
13	12	3.4	10	11	12	4.6	11	316	6.4	82	49	54
14	11	3.4	9.7	10	11	4.4	10	128	4.7	79	32	36
15	9.1	3.3	10	9.7	10	4.4	9.7	63	5.9	61	24	26
16	8.0	3.2	60	9.3	9.9	4.6	15	35	8.4	36	27	21
17	7.6	3.1	101	8.7	9.2	4.6	17	40	6.1	22	55	17
18	7.5	3.4	91	8.4	8.5	4.1	13	35	4.6	16	79	20
19	7.0	4.0	60	8.1	12	3.9	10	24	3.7	13	226	22
20	5.9	3.8	43	8.1	20	6.3	8.6	18	3.2	12	221	19
21	6.6	3.8	46	7.9	17	8.2	7.5	14	3.2	34	155	17
22	13	3.8	40	7.4	18	8.1	6.7	12	3.0	106	120	14
23	13	3.9	30	7.0	22	55	6.6	10	3.5	143	79	12
24	10	4.1	24	6.6	17	108	8.1	9.6	3.7	120	47	11
25	8.0	4.1	21	6.6	14	77	6.9	11	4.3	88	37	11
26	6.7	3.8	21	6.4	13	119	5.5	8.8	10	63	95	10
27	5.9	3.6	44	6.1	11	137	4.7	6.3	27	79	68	11
28	5.5	4.0	82	5.9	11	111	4.4	5.0	23	156	33	12
29	5.8	5.1	72	7.0	------	151	4.0	4.2	14	158	23	13
30	5.2	4.7	50	11	------	129	3.6	3.6	8.6	113	122	13
31	4.8	------	37	22	------	91	------	3.2	------	78	107	------
TOTAL	369.6	114.0	970.9	379.2	414.6	1,118.5	520.3	1,151.4	247.4	2,686.2	2,701	2,949
MEAN	11.9	3.80	31.3	12.2	14.8	36.1	17.3	37.1	8.25	86.7	87.1	98.3
MAX	33	5.1	101	29	27	151	58	318	27	300	226	806
MIN	4.8	3.1	3.7	5.9	8.5	3.9	3.6	2.9	2.8	5.2	23	10
CFSM	.43	.14	1.13	.44	.53	1.30	.62	1.33	.30	3.12	3.13	3.54
IN.	.49	.15	1.30	.51	.55	1.50	.70	1.54	.33	3.59	3.61	3.95

CAL YR 1973 TOTAL 21,986.2 MEAN 60.2 MAX 1,270 MIN 1.1 CFSM 2.17 IN 29.42
WTR YR 1974 TOTAL 13,622.1 MEAN 37.3 MAX 806 MIN 2.8 CFSM 1.34 IN 18.23

PEAK DISCHARGE (BASE, 400 CFS).--May 12 (1500) 670 cfs (36.70 ft); Sept. 6 (0300) 850 cfs (37.08 ft).

02246500 St. Johns River at Jacksonville, Fla.

LOCATION.--Lat 30°19'16", long 81°39'54", in land grant 39, T.2 S., R.26 E., Duval County, on downstream side near center of Florida East Coast Railroad bridge at Jacksonville, 0.3 mi (0.5 km) upstream from Main Street Bridge, 2.6 mi (4.2 km) upstream from Arlington River, and 24 mi (39 km) upstream from mouth.

DRAINAGE AREA.--9,040 sq mi (23,400 sq km), approximately, includes Paynes Prairie, a diked sinkhole area of about 650 sq mi (1,680 sq km), revised, which is noncontributing except for pumpage.

PERIOD OF RECORD.--February 1954 to September 1970 (volume of flow), October 1970 to September 1971 (gage heights only), October 1971 to current year.

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 9.99 ft (3.045 m) below mean sea level. Feb. 11, 1954, to Apr. 12, 1966, water-stage recorder at site 0.3 mi (0.5 km) downstream at same datum. Apr. 13, 1966, to Sept. 30, 1971, water-stage recorder at site 0.6 mi (1.0 km) downstream at same datum.

AVERAGE DISCHARGE.--20 years (1954-74), 5,515 cfs (156.2 cu m/s), 3,996,000 acre-ft/yr (4.93 cu km/yr).

EXTREMES.--Current year: Maximum daily discharge, 59,100 cfs (1,670 cu m/s) Dec. 21; maximum gage height, 12.76 ft (3.889 m) Oct. 25; maximum daily reverse flow, 52,400 cfs (1,480 cu m/s) Dec. 8; minimum gage height, 8.59 ft (2.618 m) Apr. 6.

1954-70: Maximum volume of flow downstream, 5,280 mcf (150 cu hm) Sept. 10, 1964; minimum downstream, 0 mcf Sept. 9, 1964; maximum upstream, 4,410 mcf (125 cu hm) Sept. 9, 1964; minimum upstream, 0 mcf Sept. 11, 1964.

1971-74: Maximum daily discharge, 64,000 cfs (1,810 cu m/s) June 20, 1972; maximum daily reverse flow 62,700 cfs (1,780 cu m/s) Oct. 20, 1972.

Period of record: Maximum gage height, 15.20 ft (4.633 m Sept. 10, 1964; minimum gage height, 8.02 ft (2.444 m) Feb. 14, 1971.

REMARKS.--Records poor. Flow affected by tide. Discharge computed using continuous velocity record obtained from recording deflection meter. The stage record published is the maximum and minimum tide event for each calendar day.

REVISIONS.--WRD Fla. 1967: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11,900	22,500	6,020	4,090	-2,660	9,440	21	-4,850	-1,560	38,300	32,600	12,000
2	25,300	3,750	18,300	-6,770	-41,600	6,300	15,300	-21,900	20,000	32,600	24,100	5,570
3	-1,700	-4,910	-7,970	-49,100	-4,880	-10,600	-14,900	-4,010	17,000	38,600	29,700	23,800
4	6,120	-6,760	3,200	1,850	-10,000	-22,500	-9,540	-11,700	-22,000	34,100	-3,090	16,300
5	771	98	16,800	-42,800	558	-21,300	-14,900	-11,400	-22,800	36,500	11,500	-789
6	-19,700	-28,200	1,430	-2,920	-3,240	-20,100	-9,060	1,290	-10,600	27,600	42,200	25,300
7	-30,400	-3,720	-23,900	7,660	13,100	-8,680	-3,570	21,900	-4,040	40,400	52,200	43,600
8	6,740	3,800	-52,400	-548	12,600	-31,000	7,490	-465	22,200	18,500	36,700	18,200
9	30,900	9,400	-177	-11,600	-3,710	-8,350	-440	3,940	39,000	23,300	45,000	4,110
10	850	-41,100	7,790	26,400	-17	-8,080	-24,000	3,920	21,200	43,400	39,200	8,450
11	1,830	-22,300	-17,600	-10,100	11,700	694	9,150	20,600	3,180	10,500	23,000	12,200
12	18,800	10,600	-20,100	-16,200	-9,690	-2,220	-5,660	52,500	12,600	1,460	6,110	13,300
13	6,540	9,610	8,800	-16,300	5,310	-18,500	4,910	-8,510	-17,000	-15,600	-6,190	26,600
14	43,100	12,800	7,710	-2,370	2,450	-9,920	-8,030	-15,400	876	27,000	19,300	16,000
15	17,400	43,700	-1,220	1,400	13,600	17,700	11,900	9,970	6,700	21,400	5,680	33,600
16	26,000	26,100	-20,100	31,800	-24,700	27,700	5,910	6,500	7,820	31,000	26,300	15,000
17	13,700	-9,070	-9,430	-6,310	-13,200	-7,620	-11,100	3,590	19,100	35,800	35,000	15,800
18	-4,400	-9,800	-31,300	-38,200	6,150	-3,340	-4,740	-1,930	2,040	45,800	9,040	-822
19	-21,700	-5,760	-43,900	-43,100	25,600	6,910	-5,040	-5,090	16,700	31,100	9,030	-14,500
20	-20,500	-879	14,700	-6,460	29,300	15,800	2,640	-7,560	-11,100	-2,360	18,900	26,300
21	4,510	-5,420	59,100	-35,800	-4,570	-8,340	5,670	-19,100	2,850	-7,680	22,900	25,600
22	9,910	-4,920	-9,670	10,000	10,700	-31,600	5,590	-13,200	15,900	248	22,900	32,400
23	10,500	-12,500	-4,680	31,700	-29,200	-12,300	2,770	27,500	22,400	4,860	31,100	-20,000
24	-1,780	-7,010	11,300	-11,000	-22,100	-23,000	-10,900	-2,390	-10,600	6,540	41,900	-48,300
25	8,610	23,000	-6,780	24,600	-12,100	-18,200	-13,400	54	-39,200	-2,470	25,500	24,700
26	10,400	12,000	45,100	17,900	-10,900	-1,280	-9,220	-5,100	-22,100	12,400	20,500	2,400
27	23,300	2,070	19,000	17,900	1,320	-17,400	2,580	-3,770	15,100	33,000	35,700	20,700
28	19,300	-29,800	29,500	-458	9,390	12,800	-15,000	-22,200	3,020	37,500	32,400	38,100
29	48,300	1,710	30,800	498	------	5,480	9,880	-3,330	22,800	24,900	46,300	34,500
30	56,300	19,000	9,120	1,480	------	12,300	20,900	8,890	26,200	30,600	39,200	-788
31	54,200	------	-9,020	-1,970	------	16,700	------	2,590	------	44,300	16,300	------
TOTAL	355,101	7,989	30,423	-124,728	-50,789	-152,506	-54,789	1,339	135,686	703,598	790,980	409,331
MEAN	11,450	266	981	-4,023	-1,814	-4,920	-1,826	43.2	4,523	22,700	25,520	13,640
MAX	56,300	43,700	59,100	31,800	29,300	27,700	20,900	52,500	39,000	45,800	52,200	43,600
MIN	-30,400	-41,100	-52,400	-49,100	-41,600	-31,600	-24,000	-22,200	-39,200	-15,600	-6,190	-48,300

CAL YR 1973 TOTAL 1,424,405.00 MEAN 3,902 MAX 59,100 MIN -52,400
WTR YR 1974 TOTAL 2,051,635.00 MEAN 5,621 MAX 59,100 MIN -52,400

NOTE.--Negative figures indicate reverse flow.

02246500 St. Johns River at Jacksonville, Fla.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.93	11.25	11.11	10.70	10.73	10.74	10.69	10.67	11.24	11.55	11.41	11.24
2	12.00	11.44	11.31	10.55	10.89	10.40	10.81	10.94	10.99	11.56	11.44	11.16
3	11.99	11.44	11.46	10.74	10.90	10.51	11.01	10.94	11.21	11.35	11.49	11.28
4	12.00	11.41	11.47	10.87	10.65	10.61	11.15	10.85	11.16	11.33	11.60	11.87
5	12.00	11.52	11.30	10.82	11.03	10.64	11.14	11.06	11.54	11.38	11.60	11.64
6	12.16	11.82	10.92	10.99	11.35	10.70	10.71	11.16	11.54	11.41	11.79	12.13
7	12.56	11.90	11.02	11.06	11.34	10.65	11.03	11.18	11.30	11.45	11.63	11.86
8	12.40	11.82	11.59	11.12	11.24	10.64	11.08	11.21	11.30	11.37	11.59	11.90
9	12.34	11.80	11.64	11.25	10.87	10.71	11.02	11.28	11.19	11.54	11.51	11.95
10	12.29	11.89	11.42	11.15	11.00	10.62	10.58	11.31	11.06	11.54	11.54	12.16
11	12.50	12.08	11.12	11.13	11.06	10.80	10.86	11.32	11.09	11.46	11.74	12.25
12	12.62	12.08	11.41	10.72	10.97	10.87	10.89	11.44	11.02	11.67	12.05	12.33
13	12.64	12.01	11.48	10.87	10.93	10.80	10.79	10.94	11.13	11.89	12.07	12.29
14	12.37	11.80	11.34	11.15	10.78	11.04	10.58	11.11	11.32	11.83	12.01	12.32
15	12.20	11.66	11.30	11.06	10.63	11.14	10.52	11.10	11.42	11.77	12.03	12.30
16	12.22	11.49	11.32	10.77	10.86	10.93	10.38	11.08	11.38	11.72	12.10	12.28
17	11.98	11.36	11.15	10.51	10.99	10.35	10.53	10.93	11.18	11.63	12.02	12.27
18	12.20	11.72	11.05	10.67	11.14	10.60	10.87	10.96	11.24	11.65	12.06	12.27
19	12.15	11.58	11.33	10.93	11.40	10.63	10.85	10.99	11.30	11.58	12.08	12.32
20	12.26	11.55	11.48	11.02	10.92	10.51	10.86	11.15	11.21	11.35	12.10	12.30
21	12.46	11.60	10.71	11.05	11.28	10.61	11.09	11.28	11.26	11.61	12.14	12.15
22	12.47	11.55	10.70	10.87	11.30	10.81	10.97	11.59	11.23	11.86	12.16	11.95
23	12.50	11.52	10.78	10.96	10.60	11.32	10.70	11.46	11.32	12.04	12.06	12.01
24	12.67	11.60	10.75	11.00	10.79	11.30	10.77	11.11	11.31	11.93	11.78	12.68
25	12.76	11.70	10.92	10.91	10.84	11.27	10.87	11.13	11.53	11.75	11.69	12.71
26	12.72	11.59	10.80	10.90	10.50	11.36	11.09	11.26	11.87	11.53	11.64	12.48
27	12.62	11.47	10.52	10.92	10.59	11.47	11.13	11.21	12.06	11.40	11.61	12.43
28	12.58	11.50	10.49	10.85	10.73	11.29	11.00	11.18	11.98	11.29	11.57	12.18
29	10.97	10.75	10.59	10.63	------	11.19	10.96	11.23	11.68	11.54	11.49	12.08
30	11.80	11.15	10.58	10.60	------	11.03	10.80	11.10	11.73	11.57	11.36	12.08
31	11.52	------	10.65	10.66	------	10.71	------	11.01	------	11.45	11.22	------
MEAN	12.25	11.60	11.09	10.88	10.94	10.85	10.86	11.13	11.36	11.58	11.76	12.10
MAX	12.76	12.08	11.64	11.25	11.40	11.47	11.15	11.59	12.06	12.04	12.16	12.71
MIN	10.97	10.75	10.49	10.51	10.50	10.35	10.38	10.67	10.99	11.29	11.22	11.16

CAL YR 1973 MEAN 11.46 MAX 12.76 MIN 10.48
WTR YR 1974 MEAN 11.37 MAX 12.76 MIN 10.35

02246500 St. Johns River at Jacksonville, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.67	9.88	9.78	9.14	9.40	9.12	9.30	9.23	9.52	10.05	9.88	9.61
2	10.76	10.22	10.04	9.19	9.40	9.15	9.15	9.28	9.37	10.03	10.03	9.63
3	10.78	10.24	10.20	9.41	9.37	8.95	9.36	9.25	9.45	9.99	10.04	9.75
4	10.85	10.20	10.03	9.60	9.14	9.03	9.49	9.28	10.01	9.94	10.16	9.71
5	10.88	10.25	9.83	9.25	9.10	9.04	9.30	9.46	10.28	9.97	10.10	9.90
6	11.02	10.03	9.53	9.26	9.69	8.97	8.59	9.71	10.15	9.96	10.25	10.52
7	11.33	10.65	9.38	9.30	9.76	8.93	9.11	9.76	10.04	9.99	10.08	10.29
8	11.20	10.42	9.63	9.24	9.29	8.94	9.34	9.96	9.93	10.00	10.16	10.45
9	11.14	10.26	10.18	9.56	9.18	8.92	8.87	10.07	9.94	10.23	10.12	10.73
10	11.00	9.79	9.94	9.52	9.47	8.98	9.25	9.92	9.84	10.17	10.09	10.81
11	10.98	10.55	9.40	9.40	9.51	9.19	9.62	9.99	9.72	10.01	10.06	10.72
12	11.12	10.68	9.47	9.21	9.75	9.36	9.61	9.54	9.73	10.19	10.58	10.78
13	11.14	10.58	9.86	9.43	9.64	9.55	9.37	9.62	9.87	10.68	10.53	10.69
14	10.94	10.31	9.56	9.85	9.45	9.98	9.26	9.97	10.04	10.47	10.39	10.58
15	10.76	10.14	9.80	9.55	9.44	9.88	9.25	9.91	10.11	10.34	10.26	10.65
16	10.70	9.88	9.85	9.26	9.51	9.92	9.09	9.72	10.00	10.08	10.26	10.58
17	10.51	9.92	9.60	9.33	9.68	9.28	9.30	9.64	9.72	9.81	10.29	10.60
18	10.90	10.40	9.70	9.16	9.74	9.16	9.32	9.53	9.69	9.75	10.32	10.58
19	10.84	10.19	10.13	9.59	10.05	9.42	9.53	9.37	9.73	9.75	10.39	10.69
20	11.00	10.16	10.10	9.59	9.42	9.20	9.38	9.48	9.70	9.49	10.47	10.74
21	11.20	10.17	9.10	9.69	9.56	9.17	9.64	9.97	9.72	9.89	10.57	10.62
22	11.18	10.08	8.83	9.42	9.49	9.07	9.44	10.07	9.71	10.19	10.59	10.52
23	11.25	9.96	9.09	9.45	9.10	9.73	9.03	9.83	9.65	10.47	10.62	10.64
24	11.27	10.02	9.13	9.50	9.25	9.90	9.10	9.56	9.72	10.40	10.46	11.71
25	11.41	10.31	9.25	9.46	8.94	9.66	9.56	9.61	9.99	10.21	10.34	11.44
26	11.45	10.14	9.18	9.44	8.89	10.08	9.68	9.80	10.63	10.06	10.26	11.28
27	11.33	10.10	8.97	9.38	9.30	9.87	9.63	9.62	10.69	9.91	10.15	11.15
28	11.22	10.01	8.92	9.21	9.41	9.80	9.56	9.91	10.65	9.80	10.16	10.89
29	10.59	9.39	9.11	9.11	------	9.60	9.49	9.87	10.31	9.99	10.02	10.65
30	10.34	9.81	9.12	9.21	------	9.37	9.34	9.55	10.21	10.08	9.86	10.38
31	10.11	------	9.20	9.29	------	9.13	------	9.43	------	9.95	9.62	------
MEAN	10.96	10.16	9.55	9.39	9.43	9.37	9.33	9.67	9.94	10.06	10.23	10.58
MAX	11.45	10.68	10.20	9.85	10.05	10.08	9.68	10.07	10.69	10.68	10.62	11.71
MIN	10.11	9.39	8.83	9.11	8.89	8.92	8.59	9.23	9.37	9.49	9.62	9.61

CAL YR 1973 MEAN 9.99 MAX 11.45 MIN 8.83
WTR YR 1974 MEAN 9.89 MAX 11.71 MIN 8.59

02246828 Pablo Creek at Jacksonville, Fla.

LOCATION.--Lat 30°14'07", long 81°28'42", in land grant 39, T.3 S., R.28 E., Duval County, near right bank on upstream side of timber bridge on private road, 0.5 mi (0.8 km) upstream from Cedar Swamp Creek, 4.8 mi (7.7 km) upstream from mergence with Intracoastal Waterway, and 12.5 mi (20.1 km) southeast of Main Street Bridge in Jacksonville.

DRAINAGE AREA.--25.8 sq mi (66.8 sq km).

PERIOD OF RECORD.--March to September 1974.

GAGE.--Water-stage recorder. Datum of gage not determined.

EXTREMES.--Maximum discharge during period, 229 cfs (6.49 cu m/s) Aug. 7 (gage height, 7.09 ft or 2.161 m); minimum, 4.4 cfs (0.12 cu m/s) May 3, 4 (gage height, 3.69 ft or 1.125 m).

REMARKS.--Records good except those above 100 cfs, which are fair.

DISCHARGE, IN CUBIC FEET PER SECOND, MARCH TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						9.[illegible]	36	5.0	5.8	77	42	33
2						9.2	29	4.9	8.5	77	44	29
3						8.9	24	4.7	15	147	63	25
4						8.6	20	6.2	25	166	56	25
5						8.3	21	8.8	26	165	89	80
6						8.0	25	8.7	22	150	212	174
7						7.8	24	8.4	23	124	217	163
8						7.5	21	7.0	23	101	180	132
9						7.4	17	6.3	21	84	155	99
10						7.4	15	5.9	36	69	144	79
11						7.1	13	5.5	67	55	112	71
12						6.9	12	17	82	45	89	63
13						6.8	11	37	61	40	70	52
14						6.7	10	39	41	33	55	47
15						6.6	10	32	33	27	44	41
16						6.6	12	31	33	23	39	37
17						6.4	12	28	48	2[illegible]	51	33
18						6.2	9.8	27	108	17	81	31
19						6.1	8.7	26	114	15	109	33
20						6.1	8.1	24	86	17	96	31
21						9.5	7.5	18	6[illegible]	31	79	28
22						13	6.9	16	43	35	145	25
23						39	7.3	14	32	34	1[illegible]7	57
24						79	7.3	12	28	31	16[illegible]	53
25						60	6.6	13	46	26	127	48
26						72	6.1	9.0	88	30	95	41
27						62	5.8	8.1	190	33	75	37
28						53	5.6	7.3	182	53	61	38
29					------	56	5.4	6.5	147	80	50	63
30					------	56	5.1	6.0	110	73	42	71
31		------			------	47	------	5.7	------	54	37	------
TOTAL						714.6	402.2	449.9	1,830.4	1,933	3,061	1,739
MEAN						23.1	13.4	14.5	61.0	62.4	96.8	58.0
MAX						80	36	39	190	166	217	174
MIN						6.1	5.1	4.7	5.8	15	37	25
CFSM						.98	.57	.62	2.60	2.66	4.12	2.47
IN.						1.13	.64	.71	2.90	3.06	4.75	2.75

02246832 Cedar Swamp Creek at Jacksonville, Fla.

LOCATION.--Lat 30°14'38", long 81°28'26", in NE quarter sec.15, T.3 S., R.28 E., Duval County, on left bank 10 ft (3 m) upstream from timber bridge on private road, 0.4 mi (0.6 km) upstream from mouth, and 12.4 mi (20.0 km) southeast of Main Street Bridge in Jacksonville.

DRAINAGE AREA.--3.40 sq mi (8.81 sq km).

PERIOD OF RECORD.--March to September 1974.

GAGE.--Water-stage recorder. Datum of gage not determined.

EXTREMES.--Maximum discharge during period, 250 cfs (7.08 cu m/s) Aug. 5 (gage height, 5.57 ft or 1.698 m); minimum, 1.6 cfs (0.045 cu m/s) May 3, 4 (gage height, 1.18 ft or 0.360 m).

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, MARCH TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						3.6	6.0	1.8	1.9	11	6.4	6.8
2						3.4	5.3	1.7	5.7	19	13	6.1
3						3.2	5.4	1.6	6.4	52	37	5.8
4						3.0	4.9	4.0	12	55	16	6.5
5						2.8	5.3	4.8	8.5	46	84	67
6						2.7	7.3	3.5	5.6	31	168	117
7						2.6	5.3	3.2	4.5	17	141	65
8						2.5	4.4	2.4	3.8	13	79	34
9						2.5	4.1	2.2	3.3	11	57	18
10						2.4	3.6	2.2	6.4	8.9	58	17
11						2.3	3.4	1.9	21	7.4	30	22
12						2.3	3.3	8.5	13	6.5	28	14
13						2.3	3.1	32	7.3	5.9	19	11
14						2.2	3.0	11	5.4	5.1	13	9.3
15						2.2	3.5	7.2	5.8	4.6	11	8.0
16						2.2	3.8	9.6	9.8	4.2	9.9	7.0
17						2.1	3.3	8.1	13	3.9	32	6.5
18						2.0	2.9	7.6	38	3.7	40	6.2
19						2.0	2.7	6.0	25	3.4	43	6.6
20						2.1	2.6	5.2	11	5.4	26	6.5
21						3.0	2.4	4.5	7.8	9.4	16	5.9
22						3.5	2.3	3.9	6.2	7.1	125	5.6
23						15	2.4	3.5	5.2	5.7	98	13
24						23	2.5	3.3	5.3	4.7	57	9.9
25						11	2.2	3.1	13	5.5	30	8.5
26						13	2.1	2.7	36	8.0	18	7.5
27						11	2.1	2.5	114	8.4	13	7.5
28						8.8	2.0	2.4	76	14	11	8.7
29					------	13	1.9	2.2	39	15	9.0	19
30					------	10	1.9	2.0	17	9.4	8.1	12
31		------			------	7.4	------	1.9	------	6.8	7.5	------
TOTAL						169.1	105.0	156.5	526.9	408.0	1,303.9	537.9
MEAN						5.45	3.50	5.05	17.6	13.2	42.1	17.9
MAX						23	7.3	32	114	55	168	117
MIN						2.0	1.9	1.6	1.9	3.4	6.4	5.6
CFSM						1.60	1.03	1.49	5.18	3.88	12.4	5.26
IN.						1.85	1.15	1.71	5.76	4.46	14.27	5.89

PEAK DISCHARGE (BASE, 150 CFS).--Aug. 5 (1915) 250 cfs (5.57 ft); Aug. 22 (0830) 159 cfs (4.75 ft).

02246900 Moultrie Creek at State Highway 207, near St. Augustine, Fla.

LOCATION.--Lat 29°50'50", long 81°21'39", in SE quarter sec.34, T.7 S., R.29 E., St. Johns County, at center on downstream side of box culverts on State Highway 207, 2.0 mi (3.2 km) upstream from Fort Peyton Branch, 4.2 mi (6.8 km) southwest of St. Augustine, and 6.3 mi (10.1 km) upstream from mouth.

DRAINAGE AREA.--22.1 sq mi (57.2 sq km).

PERIOD OF RECORD.--October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 14.24 ft (4.340 m) above mean sea level.

AVERAGE DISCHARGE.--13 years, 21.0 cfs (0.595 cu m/s), 12.90 in/yr (328 mm/yr).

EXTREMES.--Current year: Maximum discharge, 548 cfs (15.5 cu m/s) June 27 (gage height, 7.96 ft or 2.426 m); minimum, 0.40 cfs (0.011 cu m/s) May 31, June 1 (gage height, 2.30 ft or 0.701 m).
Period of record: Maximum discharge, 860 cfs (24.4 cu m/s) Sept. 21, 1969 (gage height, 9.16 ft or 2.792 m); no flow for all or part of each day June 2, 1965, May 15-21, 29-31, 1967, May 22-25, 1968, Oct. 8, 1971; minimum gage height, 2.05 ft (0.625 m) May 18-21, 1963.

REMARKS.--Records fair except those below 1.0 cfs (0.028 cu m/s), which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	18	1.9	13	3.5	2.8	2.4	.60	.42	90	8.9	6.3
2	21	16	1.8	11	3.2	2.6	2.0	.58	2.6	72	7.1	4.9
3	16	14	1.7	10	3.0	2.5	1.8	.57	39	85	6.2	7.2
4	13	12	1.6	9.7	2.8	2.3	1.5	.54	54	116	4.5	17
5	10	11	1.5	8.7	2.5	2.1	1.4	.51	23	125	5.0	18
6	8.3	9.9	1.4	8.1	2.2	1.9	2.1	.66	16	122	27	107
7	6.8	8.7	1.4	7.4	2.4	1.7	1.7	1.1	15	83	38	80
8	6.3	7.8	4.4	6.6	3.5	1.6	1.4	1.1	8.1	62	45	55
9	5.5	6.8	7.3	6.0	2.6	1.4	1.3	1.1	4.5	51	81	42
10	5.0	5.9	5.6	5.6	2.3	1.3	1.1	.98	3.4	43	78	33
11	4.6	5.3	5.1	5.3	2.1	1.2	.96	.82	5.1	34	56	27
12	5.4	5.7	4.7	5.0	1.9	1.1	.90	1.7	5.8	27	62	22
13	4.3	5.4	4.4	4.6	1.8	1.2	.86	3.0	4.4	21	74	20
14	3.7	4.8	4.2	4.4	1.7	1.2	.86	2.5	2.9	17	59	19
15	3.3	4.4	3.9	4.2	1.6	1.1	.86	2.3	12	13	45	14
16	3.0	4.1	7.1	4.0	1.5	1.0	.84	4.2	16	10	43	11
17	2.9	4.0	12	3.8	1.3	.92	.86	13	13	7.0	78	9.3
18	2.9	3.8	9.7	3.6	1.2	.86	.80	24	14	5.1	71	7.4
19	2.5	3.7	9.5	3.4	5.2	.82	.76	11	10	4.0	57	6.7
20	2.1	3.5	9.3	3.3	15	.80	.76	6.2	6.1	3.2	46	5.7
21	172	3.4	13	3.1	11	.82	.78	4.1	4.2	3.0	36	5.2
22	172	3.4	11	3.0	8.9	.90	.80	3.0	12	5.8	33	4.8
23	107	3.3	11	2.7	7.4	6.5	.84	2.2	11	4.7	38	4.4
24	77	3.1	10	2.6	5.6	13	.94	1.6	28	3.3	37	3.8
25	58	2.9	9.5	2.5	4.7	10	.84	1.0	217	4.0	30	4.8
26	48	2.6	8.7	2.4	3.9	8.7	.76	.76	243	9.4	30	4.2
27	39	2.5	18	2.3	3.4	7.4	.74	.65	465	8.0	27	3.6
28	34	2.3	20	2.2	3.1	6.2	.71	.58	325	13	19	3.1
29	29	2.2	18	2.1	------	5.1	.66	.49	181	15	14	2.4
30	23	2.0	16	2.3	------	4.1	.65	.46	122	11	11	2.1
31	20	------	14	4.0	------	3.1	------	.43	------	7.8	8.3	------
TOTAL	932.6	182.5	247.7	156.9	109.3	96.22	32.88	91.73	1,863.52	1,075.3	1,175.0	550.9
MEAN	30.1	6.08	7.99	5.06	3.90	3.10	1.10	2.96	62.1	34.7	37.9	18.4
MAX	172	18	20	13	15	13	2.4	24	465	125	81	107
MIN	2.1	2.0	1.4	2.1	1.2	.80	.65	.43	.42	3.0	4.5	2.1
CFSM	1.36	.28	.36	.23	.18	.14	.05	.13	2.81	1.57	1.71	.83
IN.	1.57	.31	.42	.26	.18	.16	.06	.15	3.14	1.81	1.98	.93

CAL YR 1973 TOTAL 9,009.04 MEAN 24.7 MAX 219 MIN .03 CFSM 1.12 IN 15.16
WTR YR 1974 TOTAL 6,514.55 MEAN 17.8 MAX 465 MIN .42 CFSM .81 IN 10.97

PEAK DISCHARGE (BASE 250 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
10-21	1300	7.08	254	6-27	1000	7.96	548
6-25	1100	7.17	284				

02247510 Tomoka River near Holly Hill, Fla.

LOCATION.--Lat 29°13'02", long 81°06'32", in NW quarter sec.9, T.15 S., R.32 E., Volusia County, near middle of stream, on the downstream side of bridge on 11th Street extension, 0.3 mi (0.5 km) southwest of Highway Interstate 95, 2 mi (3 km) upstream from Priest Branch, 4.5 mi (7.2 km) southwest of Holly Hill, and 12 mi (19 km) upstream from mouth.

DRAINAGE AREA.--76.8 sq mi (198.9 sq km).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).

AVERAGE DISCHARGE.--10 years, 63.2 cfs (1.790 cu m/s), 11.17 in/yr (284 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,080 cfs (30.6 cu m/s) Sept. 25 (gage height, 11.63 ft or 3.545 m); minimum, 0.35 cfs (0.010 cu m/s) May 4-6; minimum gage height, 6.77 ft (2.063 m) Feb. 15, 16.

Period of record: Maximum discharge, 2,100 cfs (59.5 cu m/s) Oct. 19, 1968 (gage height, 12.92 ft or 3.938 m); no flow for part or all of Feb. 16, 20-26, Feb. 28 to Mar. 1, 1968 (creek dry at gage), caused by temporary earthen dam just upstream.

Flood of Sept. 11, 1964, reached a stage of 12.65 ft (3.856 m) from floodmarks (discharge, 2,170 cfs or 61.5 cu m/s).

REMARKS.--Records fair except those for period of no gage-height record, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	107	80	11	21	4.9	6.1	4.5	.43	1.0	49	80	120
2	102	75	11	20	4.8	5.9	4.1	.44	1.2	39	85	110
3	99	70	9.9	19	4.6	5.6	3.6	.42	2.1	36	122	100
4	94	65	9.5	18	4.3	5.3	3.0	.39	2.6	37	114	95
5	90	60	9.1	17	4.0	5.0	2.8	.38	1.8	59	152	100
6	100	55	8.9	16	3.9	4.7	2.7	.40	1.5	78	217	130
7	150	50	9.5	16	3.8	4.6	2.5	.45	1.3	79	200	207
8	250	45	16	15	3.8	4.4	2.1	.49	1.2	77	172	192
9	300	40	24	14	3.8	4.2	1.9	.49	1.0	79	183	169
10	250	35	23	13	3.6	4.0	1.7	.46	1.0	86	205	153
11	200	30	19	12	3.6	3.8	1.5	.43	1.5	87	155	140
12	250	25	16	11	3.4	3.6	1.4	.61	3.1	85	141	130
13	200	22	14	11	3.3	3.4	1.3	.90	3.3	84	137	140
14	180	19	13	10	3.2	3.2	1.2	.69	2.0	84	125	130
15	160	18	13	9.5	3.2	3.0	1.0	.94	1.8	81	115	120
16	140	16	15	8.9	3.2	2.8	.94	2.6	1.7	78	102	120
17	130	20	18	7.9	3.4	2.8	1.0	2.5	1.5	76	429	110
18	120	36	19	7.2	3.1	2.6	1.0	4.3	1.3	74	696	100
19	110	39	18	6.6	4.1	2.3	.97	2.9	1.1	74	458	95
20	100	38	18	6.3	18	2.3	.91	1.9	.99	74	371	90
21	100	35	24	6.0	14	2.6	.84	1.5	.81	72	330	85
22	150	32	26	5.9	10	2.3	.76	1.2	.68	76	275	80
23	140	27	25	5.7	9.4	7.0	.73	1.4	.59	77	238	100
24	130	25	23	5.6	8.3	20	.76	2.2	.94	72	216	200
25	120	23	21	5.4	7.5	19	.72	1.6	9.6	68	194	995
26	110	19	19	5.3	7.1	11	.64	1.3	33	66	175	680
27	100	17	21	5.2	6.8	8.4	.59	1.2	42	70	163	479
28	95	15	25	5.1	6.5	7.2	.54	1.3	62	71	155	529
29	90	13	25	4.9	------	6.2	.50	1.2	46	70	150	477
30	85	12	24	4.8	------	6.1	.46	1.1	35	73	140	387
31	80	------	23	4.8	------	5.2	------	1.1	------	77	130	------
TOTAL	4,332	1,056	550.9	318.1	159.6	174.6	46.66	37.22	263.61	2,208	6,425	6,563
MEAN	140	35.2	17.8	10.3	5.70	5.63	1.56	1.20	8.79	71.2	207	219
MAX	300	80	26	21	18	20	4.5	4.3	62	87	696	995
MIN	80	12	8.9	4.8	3.1	2.3	.46	.38	.59	36	80	80
CFSM	1.82	.46	.23	.13	.07	.07	.02	.02	.11	.93	2.70	2.85
IN.	2.10	.51	.27	.15	.08	.08	.02	.02	.13	1.07	3.11	3.18

CAL YR 1973 TOTAL 21,338.10 MEAN 58.5 MAX 300 MIN 4.3 CFSM .76 IN 10.34
WTR YR 1974 TOTAL 22,134.69 MEAN 60.6 MAX 995 MIN .38 CFSM .79 IN 10.72

PEAK DISCHARGE (BASE, 350 CFS).--Aug. 18 (0200) 810 cfs (11.10 ft); Sept. 25 (0600) 1,080 cfs (11.63 ft).

NOTE.--No gage-height record Oct. 7 to Nov. 13.

02248000 Spruce Creek near Samsula, Fla.

LOCATION.--Lat 29°03'01", long 81°02'49", in SE quarter sec.1, T.17 S., R.32 E., Volusia County, on left bank 50 ft (15 m) downstream from bridge on State Highway 40A, 1.8 mi (2.9 km) north of Samsula, 8 mi (13 km) west of New Symrna, 10 mi (16 km) upstream from Turnbull Bay, and 13 mi (21 km) upstream from mouth.

DRAINAGE AREA.--32 sq mi (83 sq km), approximately.

PERIOD OF RECORD.--May 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6.25 ft (1.905 m) above mean sea level. Prior to Nov. 13, 1971, at sites within 100 ft (30 m) at same datum.

AVERAGE DISCHARGE.--23 years, 33.2 cfs (0.940 cu m/s), 14.09 in/yr (358 mm/yr).

EXTREMES.--Current year: Maximum discharge, 607 cfs (17.2 cu m/s) Aug. 9 (gage height, 9.47 ft or 2.886 m); minimum, 0.55 cfs (0.016 cu m/s) May 4, 5; minimum gage height, 0.45 ft (0.137 m) Feb. 14.
Period of record: Maximum discharge, 1,610 cfs (45.6 cu m/s) Sept. 10, 1964; maximum gage height, 15.49 ft (4.721 m) Oct. 8, 1953; no flow Apr. 23-26, May 17, 1962; minimum gage height, 0.37 ft (0.113 m) May 22, 23, 1973.

REMARKS.--Records fair. Some diversions for irrigation above station.

REVISIONS (WATER YEARS).--WSP 1624: 1958.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	8.1	2.1	5.0	2.8	1.8	1.2	.72	.86	288	73	28
2	57	7.1	2.1	5.2	2.4	1.6	1.2	.85	.92	257	77	22
3	46	6.4	2.1	5.3	2.1	1.7	1.2	.83	1.0	288	138	18
4	37	5.8	2.1	5.0	1.9	1.8	1.4	.61	1.0	251	119	15
5	34	5.3	2.3	4.6	1.7	1.6	9.7	.62	.94	410	173	16
6	47	4.9	2.4	4.3	1.6	1.6	5.4	3.0	1.1	293	296	32
7	42	4.4	2.3	3.8	1.6	1.4	3.1	1.2	.90	340	217	67
8	75	4.1	3.0	3.8	1.6	1.4	2.5	1.1	.75	422	146	49
9	141	3.7	3.0	4.0	1.6	1.4	2.1	.97	.84	431	261	42
10	76	3.4	2.8	3.7	1.5	1.2	1.8	.92	1.0	292	414	43
11	67	3.2	2.7	3.4	1.5	1.2	1.5	.90	1.2	235	227	37
12	63	3.2	2.6	3.2	1.5	1.2	1.5	.95	.92	237	168	31
13	43	3.0	2.7	3.1	1.5	1.3	1.4	.88	.91	185	126	26
14	33	2.7	3.0	3.1	1.4	1.3	1.3	.82	.88	134	87	31
15	27	2.8	2.9	3.0	1.4	1.2	1.3	1.1	1.6	96	61	34
16	22	2.7	3.7	2.9	1.4	1.2	1.3	1.3	1.2	72	47	30
17	20	3.0	3.8	2.7	1.5	1.2	1.2	1.2	.98	56	59	26
18	28	2.8	3.7	2.6	1.4	1.1	1.2	1.2	.89	44	112	25
19	23	2.7	3.4	2.6	3.0	1.2	1.2	1.2	.91	36	166	27
20	18	2.6	7.9	2.5	5.8	1.4	1.1	1.1	1.6	29	298	23
21	24	2.7	15	2.4	2.9	1.8	.99	1.0	1.6	25	269	18
22	29	2.6	8.9	2.2	2.6	1.4	.94	.88	1.6	51	269	15
23	25	2.5	7.1	2.1	2.5	2.5	.90	.90	1.6	125	242	95
24	21	2.5	6.4	2.0	2.3	3.6	.87	1.2	2.3	90	202	205
25	18	2.3	6.1	2.0	2.2	2.4	.74	1.3	12	59	156	327
26	16	2.3	5.9	1.9	2.9	1.9	.91	.93	17	42	116	350
27	13	2.4	6.1	1.7	2.0	1.7	.72	.98	141	54	88	288
28	12	2.5	7.1	1.7	2.4	1.6	.70	.98	161	55	67	250
29	11	2.6	6.2	1.7	------	1.4	.67	.91	140	74	54	202
30	9.5	2.6	5.8	1.7	------	1.4	.74	.89	181	87	43	148
31	8.3	------	5.3	2.3	------	1.2	------	.86	------	68	35	------
TOTAL	1,159.8	106.9	140.5	95.5	59.0	48.7	50.78	32.30	679.50	5,126	4,806	2,520
MEAN	37.4	3.56	4.53	3.08	2.11	1.57	1.69	1.04	22.7	165	155	84.0
MAX	141	8.1	15	5.3	5.8	3.6	9.7	3.0	181	431	414	350
MIN	8.3	2.3	2.1	1.7	1.4	1.1	.67	.61	.75	25	35	15
CFSM	1.17	.11	.14	.10	.07	.05	.05	.03	.71	5.16	4.84	2.63
IN.	1.35	.12	.16	.11	.07	.06	.06	.04	.79	5.96	5.59	2.93

CAL YR 1973 TOTAL 5,961.70 MEAN 16.3 MAX 198 MIN 1.3 CFSM .51 IN 6.93
WTR YR 1974 TOTAL 14,824.98 MEAN 40.6 MAX 431 MIN .61 CFSM 1.27 IN 17.23

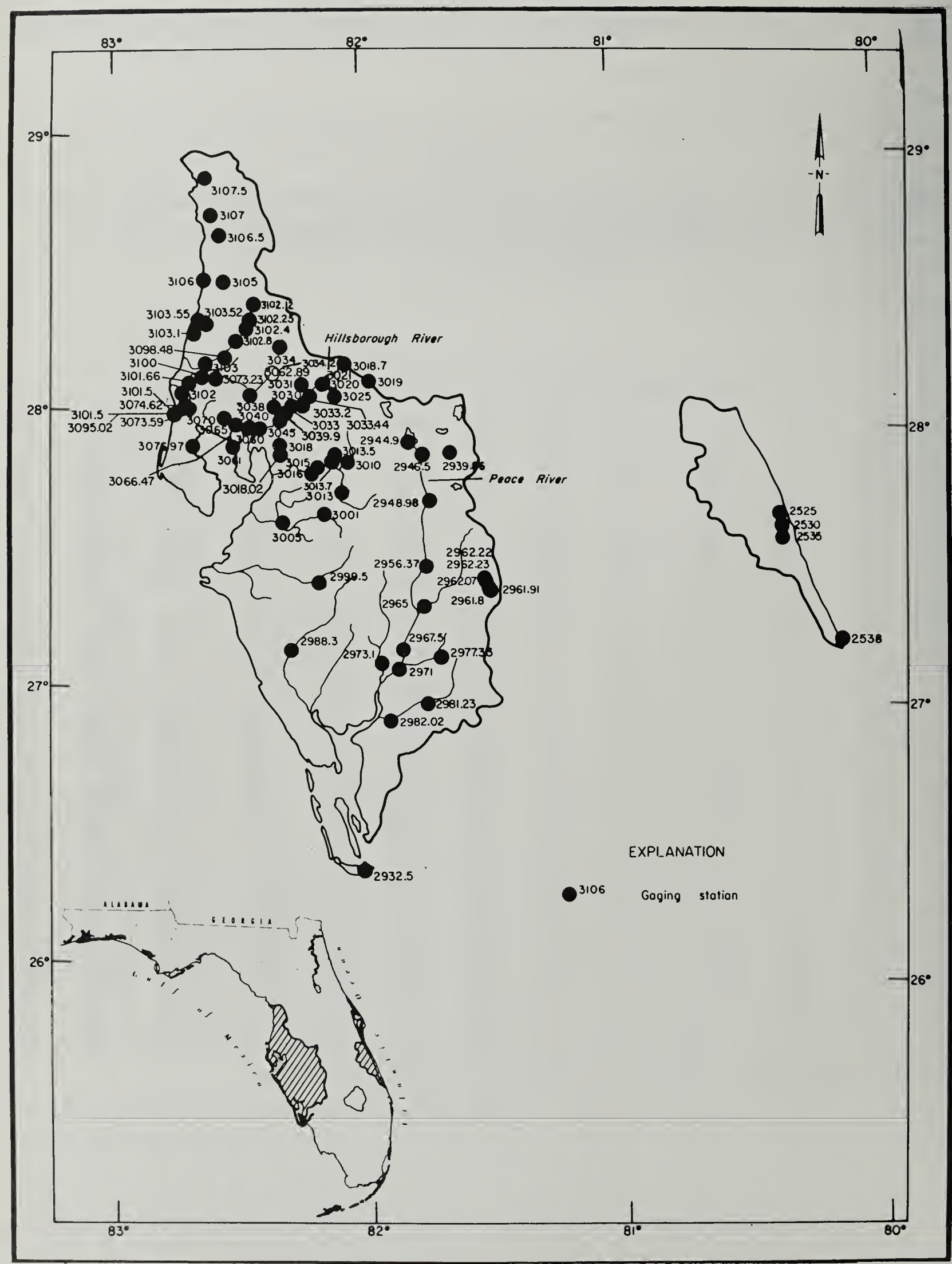

Figure 3. Location of gaging stations in Turkey Creek and coastal area south to St. Lucie River, Coastal area between Caloosahatchee River and Peace River, Peace River basin, Myakka River basin, Coastal area between Myakka and Alafia River, Alafia River basin, Hillsborough River basin and coastal area north of Alafia River, and Coastal area between Hillsborough River and Withlacoochee River.

02251800 Indian River at Wabasso, Fla.

LOCATION.--Lat 27°45'15", long 80°25'40", in SW quarter sec.27, T.31 S., R.39 E., Indian River County, on north side near the southwest end of bridge on State Highway 510 at Wabasso.

PERIOD OF RECORD.--November 1940 to current year (gage heights only). Published since October 1962.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Prior to June 26, 1970, at site 0.9 mi (1.4 km) northeast at same datum.

EXTREMES.--Current year: Maximum gage height, 2.71 ft (0.826 m) Oct. 19; minimum, -0.72 ft (-0.220 m) Mar. 5.
Period of record: Maximum gage height, 4.76 ft (1.451 m) Sept. 22, 1948; minimum, -1.36 ft (-0.415 m) Jan. 20, 1946.

REMARKS.--Stage affected by tide. The stage record published is the maximum and minimum tide event for each calendar day.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.24	1.48	1.16	-.19	.30	.17	.33	.22	.30	.96	.58	.36
2	1.24	1.30	.76	.02	.22	.09	.16	.22	.22	.78	.55	.38
3	1.52	1.20	.57	-.08	.19	.06	.24	.25	.50	.78	.58	.48
4	1.65	1.22	.55	.12	.75	-.09	-.01	.27	.49	.85	.52	.50
5	1.73	1.03	.61	.16	.87	-.12	.48	.43	.70	.80	.60	.34
6	1.74	1.33	1.10	.30	.17	.05	1.03	.64	.56	.86	.57	.37
7	1.55	1.17	1.30	.33	.19	.10	.91	.60	.53	.70	.63	.25
8	1.64	1.21	1.23	.60	.26	.08	.36	.73	.38	.70	.42	.50
9	1.80	1.29	1.36	.41	.77	.04	.31	.58	.42	.67	.59	.82
10	1.74	1.98	1.21	.20	.84	.09	.65	.55	.40	.72	.60	1.01
11	1.79	1.84	1.17	.31	.60	.10	.40	.24	.45	.79	.71	1.21
12	1.74	1.63	1.22	.42	.65	.16	.11	-.13	.48	.84	.94	.97
13	1.64	1.49	.88	.72	.54	.51	-.04	.71	.57	.98	.99	1.09
14	1.83	1.41	.58	.38	.39	1.01	-.02	.57	.59	1.03	.95	1.26
15	1.84	1.29	.57	.51	.28	.43	.09	.53	.85	.88	.80	1.24
16	1.76	1.23	.53	.41	.35	.08	.43	.50	.84	.84	.84	1.26
17	1.69	1.17	.92	.46	.71	.39	.57	.42	.61	.80	1.07	1.18
18	2.04	1.04	.97	.38	.72	.50	.54	.42	.64	.82	1.08	1.37
19	2.71	1.14	.64	.48	.26	.22	.48	.30	.68	.70	1.16	1.34
20	2.51	1.09	.56	.39	.53	.09	.29	.49	.74	.69	1.22	1.29
21	2.18	.94	.66	.26	.43	.03	.16	.60	.62	.77	1.18	1.14
22	2.28	1.09	.87	.51	-.04	.53	-.06	.44	.71	.87	1.26	1.23
23	2.70	1.19	.67	.43	.65	.32	.11	.48	.71	1.05	1.05	1.40
24	2.64	1.15	.33	.29	.54	.33	.35	.65	.67	.98	.84	1.64
25	2.48	1.06	-.05	.25	.57	.42	.73	.60	.51	.92	.87	1.57
26	2.28	1.00	-.09	.14	.87	.48	.86	.64	.69	.79	.87	1.79
27	1.96	.93	-.14	.07	.92	.94	.60	.59	1.00	.61	.80	1.57
28	1.72	.84	.29	.01	.40	.49	.35	.66	1.29	.66	.72	1.46
29	1.95	1.39	.13	.05	------	.56	.28	.50	1.27	.72	.60	1.44
30	1.74	1.20	.03	.05	------	.48	.26	.52	1.06	.72	.52	1.63
31	1.33	------	-.16	.29	------	.57	------	.45	------	.56	.44	------
MEAN	1.89	1.24	.66	.28	.50	.29	.37	.47	.65	.80	.79	1.07
MAX	2.71	1.98	1.36	.72	.92	1.01	1.03	.73	1.29	1.05	1.26	1.79
MIN	1.24	.84	-.16	-.19	-.04	-.12	-.06	-.13	.22	.56	.42	.25

CAL YR 1973 MEAN .84 MAX 2.71 MIN -.16
WTR YR 1974 MEAN .75 MAX 2.71 MIN -.19

02251800 Indian River at Wabasso, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.77	.65	.59	-.49	.07	-.31	-.17	-.29	-.22	.54	-.04	-.03
2	.81	.81	.22	-.52	-.25	-.17	-.41	-.17	-.33	.29	-.08	-.10
3	.97	.75	.19	-.51	-.43	-.51	-.32	-.28	-.02	.19	.07	-.04
4	1.07	.82	.32	-.21	-.28	-.53	-.57	-.20	.12	.31	.15	.02
5	1.11	.60	.09	-.41	.11	-.72	-.47	-.18	.06	.28	.06	-.06
6	1.22	.66	.25	-.38	-.31	-.61	.23	-.02	.05	.12	.14	-.03
7	1.13	.70	.72	-.30	-.28	-.33	.02	.21	-.15	.17	-.12	-.13
8	1.05	.60	.76	-.16	-.23	-.40	-.29	-.03	-.03	.14	.07	.03
9	1.19	.63	.70	-.16	.20	-.45	-.12	.09	-.07	.13	.16	.32
10	1.18	.92	.59	-.35	.18	-.45	.12	-.15	-.02	.27	.25	.46
11	1.20	1.24	.49	-.26	.04	-.43	-.28	-.55	.07	.34	.28	.62
12	1.06	1.02	.53	-.09	-.01	-.27	-.50	-.58	.09	.33	.39	.50
13	1.07	.91	.23	.05	-.05	-.02	-.65	.26	.22	.55	.44	.50
14	1.21	.81	-.01	-.09	.09	.08	-.52	.02	.19	.53	.51	.65
15	1.30	.74	.09	-.04	-.16	-.28	-.26	-.03	.21	.54	.31	.67
16	1.16	.76	-.18	-.04	-.08	-.24	-.04	-.06	.31	.46	.20	.68
17	1.10	.57	.43	.23	-.02	-.19	.27	-.10	.25	.35	.30	.63
18	1.46	.51	.60	-.04	.17	.04	.06	-.02	.16	.31	.50	.70
19	1.74	.83	.15	-.08	-.26	-.28	.01	-.18	.14	.16	.64	.70
20	2.06	.56	.01	-.08	-.20	-.35	-.17	-.11	.24	.17	.69	.76
21	1.58	.39	.23	-.24	-.15	-.40	-.32	.02	.10	.29	.65	.64
22	1.63	.41	.29	-.07	-.34	-.29	-.57	-.13	.13	.27	.64	.76
23	1.83	.59	.18	-.07	.08	-.23	-.33	.06	.22	.54	.54	.81
24	2.01	.54	-.16	-.22	.11	-.08	-.07	-.01	.11	.50	.38	1.13
25	1.80	.51	-.47	-.22	.00	-.33	.20	.02	-.15	.47	.53	1.10
26	1.66	.44	-.44	-.40	.59	.13	.05	.04	.11	.36	.47	1.25
27	1.36	.39	-.44	-.45	.07	.04	-.03	.08	.15	.18	.47	1.09
28	1.03	.25	-.18	-.46	-.26	-.01	-.16	.28	.67	.12	.33	1.02
29	1.18	.62	-.44	-.35	------	.00	-.03	.09	.82	.15	.04	1.01
30	1.14	.51	-.47	-.21	------	.04	-.20	.06	.55	.31	.04	.96
31	.75	------	-.64	-.19	------	.15	------	.05	------	.06	.01	------
MEAN	1.28	.66	.14	-.22	-.06	-.24	-.18	-.06	.13	.30	.29	.55
MAX	2.06	1.24	.76	.23	.59	.15	.27	.28	.82	.55	.69	1.25
MIN	.75	.25	-.64	-.52	-.43	-.72	-.65	-.58	-.33	.06	-.12	-.13

CAL YR 1973 MEAN .31 MAX 2.06 MIN -.64
WTR YR 1974 MEAN .22 MAX 2.06 MIN -.72

02252500 North Canal near Vero Beach, Fla.

LOCATION.--Lat 27°41'32", long 80°25'00", in SE quarter sec. 15, T.32 S., R.39 E., Indian River County, on left bank 600 ft (180 m) upstream from bridge on State Highway 605 and 3.9 mi (6.3 km) north of Vero Beach.

PERIOD OF RECORD.--November 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Feb. 27, 1952, at site 50 ft (15 m) downstream at datum 0.81 ft (0.247 m) lower. Feb. 27, 1952, to Nov. 5, 1957, at bridge 600 ft (180 m) downstream at present datum.

AVERAGE DISCHARGE.--23 years (1951-74), 31.4 cfs (0.889 cu m/s), 22,780 acre-ft/yr (28.1 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 459 cfs (13.0 cu m/s) July 3 (gage height, 6.57 ft or 2.003 m); minimum, 4.8 cfs (0.14 cu m/s) May 4 (gage height, 1.74 ft or 0.503 m).
Period of record: Maximum discharge, 1,790 cfs (50.7 cu m/s) Sept. 23, 1960; maximum gage height, 11.78 ft (3.591 m) June 18, 1959; no flow part of each day Mar. 7, 8, 1969; minimum gage height observed, 0.92 ft (0.280 m) June 22, 1956, site then in use.

REMARKS.--Records fair. Considerable pumping into canal for drainage above station. Since Sept. 7, 1954, low flow regulated by control structure 2 mi (3 km) upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	169	19	22	16	15	14	5.4	5.8	41	35	15
2	15	48	20	22	18	17	17	5.8	5.8	137	32	15
3	14	18	20	21	18	16	31	5.3	9.9	337	29	14
4	15	19	20	21	18	16	23	5.0	15	143	28	15
5	24	20	23	21	15	16	18	5.7	14	86	79	21
6	31	21	27	21	14	15	16	6.2	16	74	158	94
7	35	22	25	21	15	15	16	9.0	13	42	54	41
8	134	24	33	21	19	13	16	17	12	35	19	25
9	94	21	30	20	19	13	15	17	11	24	19	20
10	56	28	27	20	20	17	13	15	11	13	18	14
11	37	19	25	19	20	18	13	16	12	14	18	14
12	15	16	25	18	19	13	13	13	21	15	19	13
13	17	18	23	24	18	14	12	9.9	17	15	19	13
14	16	21	25	165	19	14	12	8.4	15	14	18	17
15	17	20	24	28	19	16	14	10	15	19	18	17
16	17	18	25	26	22	21	14	16	14	20	18	17
17	18	18	24	24	24	20	14	14	10	17	29	17
18	31	25	24	25	20	17	12	13	10	18	96	18
19	161	28	25	26	19	18	11	14	15	17	38	16
20	130	22	31	24	78	16	10	11	15	15	32	14
21	67	21	33	22	15	14	9.7	9.4	19	15	30	13
22	45	22	28	22	16	13	9.4	9.2	9.9	16	28	15
23	52	22	26	22	15	14	9.4	9.2	7.5	40	34	16
24	56	21	24	21	16	15	8.6	8.4	7.5	15	38	17
25	42	19	25	21	17	20	7.5	8.8	201	15	30	18
26	28	19	25	20	16	21	6.1	10	221	16	21	23
27	18	20	23	20	16	19	6.9	11	177	16	16	24
28	17	20	23	20	18	17	6.7	10	111	17	16	17
29	17	20	21	20	------	16	7.0	11	77	109	15	15
30	17	19	21	19	------	15	5.3	11	58	37	15	13
31	19	------	21	19	------	14	------	7.4	------	34	15	------
TOTAL	1,286	792	755	835	561	503	380.6	324.1	1,140.4	1,426	1,034	601
MEAN	41.5	26.4	24.4	26.9	20.0	16.2	12.7	10.5	38.0	46.0	33.4	20.0
MAX	161	169	33	185	78	21	31	17	221	337	158	94
MIN	14	18	19	18	14	13	5.3	5.0	5.8	13	15	13
AC-FT	2,550	1,570	1,500	1,650	1,110	998	755	643	2,260	2,830	2,050	1,190

CAL YR 1973 TOTAL 15,053.6 MEAN 41.2 MAX 523 MIN 9.2 AC-FT 29,860
WTR YR 1974 TOTAL 9,638.1 MEAN 26.4 MAX 337 MIN 5.0 AC-FT 19,120

02253000 Main Canal at Vero Beach, Fla.

LOCATION.--Lat 27°38'54", long 80°24'10", in SE quarter sec.35, T.32 S., R.39 E., Indian River County, on right bank 8 ft (2 m) upstream from dam, 700 ft (210 m) upstream from U.S. Highway 1, and 0.6 mi (1.0 km) northwest of Vero Beach.

PERIOD OF RECORD.--January 1949 to current year. Monthly discharge only for some periods, published in WSP 1724.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Mar. 20, 1952, at datum 0.74 ft (0.226 m) lower. Mar. 20, 1952, to Sept. 30, 1956, at datum 0.02 ft (0.006 m) lower.

AVERAGE DISCHARGE.--25 years, 79.5 cfs (2.251 cu m/s), 57,600 acre-ft/yr (71.0 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 887 cfs (25.1 cu m/s) Sept. 5 (gage height, 11.73 ft or 3.575 m); minimum, 1.0 cfs (0.028 cu m/s) Sept. 10 (gage height, 8.18 ft or 2.493 m).
Period of record: Maximum discharge, 1,900 cfs (53.8 cu m/s) Sept. 23, 1960; maximum gage height, 14.38 ft (4.383 m) Sept. 24, 1963; minimum discharge, 1.0 cfs (0.028 cu m/s) Sept. 10, 1974 (gage height, 8.18 ft or 2.493 m).

REMARKS.--Records good. Considerable pumping into canal for drainage above station. Since Aug. 6, 1954, low flow regulated by control structure 1.5 mi (2.4 km) upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	264	19	33	16	60	23	11	24	155	102	49
2	8.8	71	20	37	24	53	32	11	24	316	82	58
3	8.2	10	22	34	28	21	177	7.0	36	670	75	31
4	9.8	12	22	35	37	25	88	11	128	370	83	30
5	28	30	17	34	31	24	81	18	54	198	142	362
6	39	38	18	33	32	19	39	18	43	157	156	159
7	42	43	12	33	25	16	38	22	83	119	102	115
8	278	72	69	34	32	20	38	37	35	123	84	71
9	228	29	82	33	47	34	40	66	34	134	69	44
10	157	36	48	33	38	37	37	70	34	185	46	1.5
11	115	63	16	30	37	32	35	88	107	141	124	2.0
12	86	48	77	27	43	22	32	53	155	79	130	5.2
13	51	28	24	42	49	21	30	53	96	6.6	109	20
14	8.1	42	39	431	54	15	34	35	28	14	202	26
15	8.8	29	18	174	43	83	115	28	198	33	148	22
16	10	27	30	8.9	146	175	68	22	140	103	96	23
17	25	31	50	28	89	52	35	23	7.0	50	202	29
18	47	61	13	50	97	39	40	36	40	202	415	32
19	347	77	31	60	80	238	39	80	51	231	163	20
20	395	70	136	36	275	96	37	73	33	118	131	14
21	180	19	33	34	15	5.9	35	61	236	255	101	13
22	109	24	174	35	10	12	35	51	49	174	125	19
23	118	45	86	36	20	25	35	48	5.0	305	195	27
24	115	66	36	34	35	31	33	38	166	195	283	37
25	77	42	39	65	45	52	27	27	499	338	139	36
26	41	18	107	37	47	70	23	25	634	236	98	48
27	9.1	22	18	36	30	40	27	26	535	124	75	104
28	9.8	21	158	35	39	34	29	26	350	143	25	147
29	11	20	14	32	------	32	18	24	247	248	4.3	137
30	18	17	25	75	------	31	13	28	233	195	4.7	123
31	39	------	31	42	------	27	------	30	------	122	27	------
TOTAL	2,651.6	1,375	1,484	1,686.9	1,464	1,441.9	1,333	1,146.0	4,304.0	5,739.6	3,738.0	1,804.7
MEAN	85.5	45.8	47.9	54.4	52.3	46.5	44.4	37.0	143	185	121	60.2
MAX	395	264	174	431	275	238	177	88	634	670	415	362
MIN	8.1	10	12	8.9	10	5.9	13	7.0	5.0	6.6	4.3	1.5
AC-FT	5,260	2,730	2,940	3,350	2,900	2,860	2,640	2,270	8,540	11,380	7,410	3,580

CAL YR 1973 TOTAL 30,882.7 MEAN 84.6 MAX 696 MIN 8.1 AC-FT 61,260
WTR YR 1974 TOTAL 28,168.7 MEAN 77.2 MAX 670 MIN 1.5 AC-FT 55,870

02253500 South Canal near Vero Beach, Fla.

LOCATION.--Lat 27°36'11", long 80°23'24", in SW quarter sec. 13, T.33 S., T.39 E., Indian River County, on right bank 1,000 ft (300 m) upstream from bridge on State Highway 605 and 2.5 mi (4.0 km) south of Vero Beach.

PERIOD OF RECORD.--October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Feb. 28, 1952, at downstream side of bridge 1,000 ft (300 m) downstream at datum 1.26 ft (0.384 m) lower. Feb. 28, 1952, to Nov. 6, 1957, 20 ft (6 m) upstream from bridge at datum 0.46 ft (0.140 m) lower.

AVERAGE DISCHARGE.--24 years, 41.5 cfs (1.175 cu m/s), 30,070 acre-ft/yr (37.1 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 872 cfs (24.7 cu m/s) June 25 (gage height, 7.31 ft or 2.228 m); minimum, 2.4 cfs (0.068 cu m/s) May 14 (gage height, 1.54 ft 0.469 m).

Period of record: Maximum discharge, 1,930 cfs (54.7 cu m/s) Sept. 24, 1963; maximum gage height, 10.98 ft (3.347 m) Aug. 27, 1964; minimum discharge, 0.70 cfs (0.020 cu m/s) July 31, 1971; minimum gage height, 1.70 ft (0.518 m) June 20, 21, 23, 24, 1957, site and datum then in use.

REMARKS.--Records poor. Considerable pumping into canal for drainage above station. Since Jan. 6, 1956, low flow regulated by control structure upstream.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	188	14	13	6.6	17	102	4.8	3.5	120	94	6.1
2	14	44	16	13	11	8.3	21	3.5	4.3	303	76	5.8
3	14	13	18	13	13	8.7	151	6.4	12	290	68	5.8
4	15	12	17	13	16	10	31	11	24	130	75	12
5	20	14	15	13	15	11	29	3.4	9.0	112	115	185
6	26	20	14	13	15	8.3	32	7.9	12	101	178	70
7	27	22	11	12	8.8	7.0	27	23	20	74	74	55
8	195	26	21	13	16	13	23	76	14	66	52	38
9	162	16	28	12	21	18	20	42	15	32	20	24
10	119	18	15	12	17	16	17	21	14	4.6	7.0	5.8
11	83	18	13	10	22	15	15	21	17	4.3	6.7	6.3
12	62	12	13	9.6	22	11	15	18	19	4.3	7.8	6.1
13	40	14	12	11	24	8.0	14	14	12	4.9	9.4	8.7
14	15	21	13	162	27	8.4	14	3.5	10	4.3	8.2	13
15	15	17	18	7.0	24	27	19	21	12	9.0	129	11
16	14	15	28	6.8	27	35	17	118	7.6	9.8	70	12
17	14	16	20	11	27	21	25	30	7.9	4.6	168	14
18	25	18	15	17	26	19	21	27	16	10	332	16
19	230	16	14	19	22	21	18	24	33	3.2	105	10
20	159	10	23	13	175	8.0	15	19	22	3.0	93	6.5
21	91	15	21	12	37	6.3	14	16	150	3.4	60	6.8
22	70	19	16	13	6.4	6.8	12	12	5.1	5.8	60	11
23	83	19	14	13	5.7	9.5	11	8.2	4.7	39	110	16
24	92	14	14	13	6.6	16	10	7.8	6.2	5.5	115	18
25	74	11	15	12	12	39	6.3	11	448	8.6	69	18
26	42	12	15	12	13	32	5.1	11	426	155	49	24
27	19	14	7.4	13	9.8	23	6.7	13	267	27	33	32
28	16	14	9.6	13	17	19	4.1	12	161	9.8	7.4	18
29	14	15	6.6	12	------	17	3.4	15	123	306	7.0	21
30	13	14	9.5	13	------	16	5.6	12	82	398	6.4	12
31	13	------	12	6.9	------	14	------	7.5	------	155	6.1	------
TOTAL	1,820	677	478.1	526.3	642.9	489.3	704.2	620.0	1,957.3	2,403.1	2,211.0	687.9
MEAN	58.7	22.6	15.4	17.0	23.0	15.8	23.5	20.0	65.2	77.5	71.3	22.9
MAX	230	188	28	162	175	39	151	118	448	398	332	185
MIN	13	10	6.6	6.8	5.7	6.3	3.4	3.4	3.5	3.0	6.1	5.8
AC-FT	3,610	1,340	948	1,040	1,280	971	1,400	1,230	3,880	4,770	4,390	1,360

CAL YR 1973 TOTAL 22,075.5 MEAN 60.5 MAX 965 MIN 3.6 AC-FT 43,790
WTR YR 1974 TOTAL 13,217.1 MEAN 36.2 MAX 448 MIN 3.0 AC-FT 26,220

02253800 Intracoastal Waterway at Stuart, Fla.

LOCATION.—Lat 27°12'19", long 80°11'38", in SW quarter sec.36, T.37 S., R.41 E, Martin County, on southwest wingwall on west side of bridge on State Highway A1A, 0.4 mi (0.6 km) east of State Highway 707, and 1.7 mi (2.7 km) east of Stuart.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1973 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES. Maximum gage height for the period August to September, 2.43 ft (0.741 m) Aug. 28; minimum, -1.40 ft (-0.427 m) Aug. 5.
Current year: Maximum gage height, 2.83 ft (0.863 m) Oct. 25; minimum, -0.99 ft (-0.302 m) Mar. 5.
Period of record: Maximum gage height, 2.83 ft (0.863 m) Oct. 25, 1973; minimum, -1.40 ft (-0.427 m) Aug. 5, 1973.

REMARKS.—Gage records water levels and tidal fluctuations at Stuart. The stage record published is the maximum and minimum tide event for each calendar day.

MAXIMUM GAGE HEIGHT, IN FEET, AUGUST TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											1.62	1.20
2											1.34	1.35
3											.98	1.71
4											.58	1.67
5											.30	1.24
6											.76	.58
7											1.11	.63
8											1.59	.74
9											1.74	.79
10											2.31	.96
11											1.14	1.47
12											1.04	1.58
13											1.23	1.26
14											1.50	.87
15											1.29	.87
16											1.68	1.05
17											1.64	1.29
18											1.81	1.40
19											1.71	1.46
20											1.84	1.35
21											2.24	1.34
22											2.28	1.52
23											2.32	1.66
24											2.19	1.67
25											2.30	1.66
26											2.22	1.63
27											2.38	1.53
28											2.43	1.43
29			------								2.16	1.48
30			------								1.83	1.26
31	------		------			------		------			1.78	------
MEAN											1.66	1.29
MAX											2.43	1.71
MIN											.30	.58

10A TURKEY CREEK AND COASTAL AREA SOUTH TO ST. LUCIE RIVER

02253800 Intracoastal Waterway at Stuart, Fla.

MINIMUM GAGE HEIGHT, IN FEET, AUGUST TO SEPTEMBER 1973

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											-.42	-.62
2											-.59	-.54
3											-.89	-.44
4											-1.13	-.23
5											-1.40	-.43
6											-1.23	-.37
7											-.86	-.30
8											-.38	-.24
9											-.35	-.17
10											.12	-.07
11											-.79	.16
12											-1.00	.48
13											-.64	.19
14											-.49	-.13
15											-.17	-.17
16											-.08	-.12
17											-.10	.04
18											-.01	.21
19											-.20	.20
20											-.25	.16
21											.06	.13
22											-.02	.32
23											.05	.55
24											-.15	.54
25											-.20	.50
26											-.06	.47
27											.09	.41
28											.43	.30
29					------						.17	.39
30					------						-.11	.24
31		------			------		------		------		-.23	------
MEAN											-.35	.05
MAX											.43	.58
MIN											-1.40	-.52

10A TURKEY CREEK AND COASTAL AREA SOUTH TO ST. LUCIE RIVER

02253800 Intracoastal Waterway at Stuart, Fla.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.11	1.15	.95	-.28	.24	.31	.47	.31	.31	.94	.60	.32
2	1.12	1.24	.85	-.19	.41	.24	.37	.27	.35	.62	.60	.27
3	1.47	1.07	.84	-.19	.34	.18	.32	.26	.51	.50	.66	.41
4	1.61	1.18	.89	.17	.59	.03	.33	.40	.36	.30	.55	.49
5	1.60	1.12	.87	.32	.88	.03	.49	.63	.75	.71	.67	.30
6	1.90	1.31	.79	.38	.79	.17	.53	.42	.97	.88	.67	.32
7	1.90	1.52	.95	.61	.64	.19	.79	.89	.79	.69	.61	.38
8	1.95	1.57	1.28	.75	.44	.20	.77	1.01	.56	.55	.39	.58
9	1.82	1.67	1.52	.84	.72	.12	.52	.93	.56	.58	.66	1.04
10	1.89	2.08	1.47	.62	.83	.21	.53	.88	.39	.77	.80	1.25
11	2.00	2.43	1.25	.48	.88	.26	.47	.63	.47	.64	.87	1.42
12	2.02	2.30	1.32	.40	.89	.43	.31	.17	.53	.93	1.13	1.43
13	2.04	1.93	1.28	.60	.72	.60	.07	.38	.63	1.25	1.35	1.36
14	2.00	1.61	.86	.83	.55	.93	.08	.66	.79	1.29	1.35	1.53
15	1.88	1.42	.63	.46	.46	.89	.14	.69	1.03	1.24	1.15	1.64
16	1.84	1.23	.55	.45	.47	.48	.09	.47	1.06	1.11	1.09	1.68
17	1.69	1.16	.61	.41	.68	.14	.41	.38	.86	.83	1.14	1.53
18	1.90	.97	.79	.44	1.03	.45	.56	.49	.72	.88	1.26	1.54
19	2.51	1.19	.77	.35	.81	.40	.60	.41	.82	.93	1.19	1.32
20	2.72	1.12	.56	.70	.47	.13	.54	.61	.62	.69	1.26	1.28
21	2.44	1.09	.57	.67	.35	.11	.32	.90	.94	.89	1.21	1.21
22	2.42	.92	.63	.49	.18	.53	.43	.63	.95	.93	1.16	1.12
23	2.53	.94	.66	.55	.35	.72	.28	.98	1.07	1.20	1.03	1.29
24	2.76	1.25	.46	.38	.39	.46	.32	.88	1.01	1.18	.78	1.86
25	2.83	1.41	.17	.32	.39	.62	.66	.55	.78	.94	.63	1.79
26	2.77	1.20	-.16	.21	.61	.49	.88	.68	.69	.69	.65	1.90
27	2.31	1.00	-.20	.11	.69	.77	.80	.73	.81	.41	.63	1.56
28	1.95	.83	-.10	.03	.56	.67	.76	.59	.98	.37	.62	1.28
29	1.79	.91	-.11	-.05	------	.67	.50	.75	.86	.55	.47	1.12
30	1.63	1.07	-.10	-.02	------	.65	.40	.62	.74	.81	.31	1.32
31	1.37	------	-.12	.10	------	.66	------	.52	------	.64	.33	------
MEAN	1.99	1.33	.67	.35	.58	.41	.46	.60	.73	.81	.83	1.15
MAX	2.83	2.43	1.52	.84	1.03	.93	.88	1.01	1.07	1.29	1.35	1.90
MIN	1.11	.83	-.20	-.28	.18	.03	.07	.17	.31	.30	.31	.27

WTR YR 1974 MEAN .83 MAX 2.83 MIN -.28

02253800 Intracoastal Waterway at Stuart, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.13	.01	-.97	-.38	-.72	-.49	-.56	-.73	-.37	-.50	-.60
2	.10	.32	.01	-.93	-.62	-.47	-.73	-.63	-.71	-.45	-.46	-.59
3	.38	.22	.02	-.91	-.71	-.84	-.67	-.74	-.72	-.57	-.42	-.50
4	.63	.26	.03	-.47	-.72	-.89	-.72	-.67	-.50	-.52	-.35	-.46
5	.59	.28	.05	-.73	-.34	-.99	-.62	-.57	-.30	-.25	-.20	-.57
6	.84	.17	-.23	-.80	-.33	-.89	-.41	-.33	-.43	-.36	-.30	-.64
7	.93	.48	-.12	-.66	-.38	-.78	-.30	-.15	-.46	-.42	-.32	-.63
8	.82	.39	-.06	-.51	-.57	-.74	-.64	-.31	-.46	-.40	-.56	-.59
9	.82	.32	.14	-.45	-.34	-.77	-.57	-.24	-.52	-.28	-.39	-.26
10	.75	.45	.12	-.46	-.11	-.77	-.49	-.35	-.42	-.20	-.27	-.02
11	.79	.99	.01	-.50	-.17	-.66	-.63	-.63	-.29	-.09	-.35	.11
12	.74	.82	.02	-.57	-.20	-.49	-.74	-.63	-.33	-.09	-.14	.06
13	.79	.59	.09	-.30	-.38	-.09	-.84	-.35	-.29	-.12	-.04	.04
14	.69	.34	-.18	-.43	-.14	-.04	-.68	-.18	-.17	-.15	-.04	.16
15	.57	.23	-.30	-.47	-.42	-.33	-.72	-.34	-.19	-.10	-.15	.31
16	.55	.15	-.33	-.28	-.51	-.35	-.70	-.44	-.15	-.08	-.30	.34
17	.47	.14	-.23	-.56	-.44	-.74	-.43	-.51	-.32	-.44	-.18	.25
18	.54	.12	.07	-.53	-.04	-.43	-.29	-.54	-.52	-.44	-.07	.19
19	1.19	.08	-.25	-.69	-.07	-.48	-.30	-.63	-.46	-.40	-.01	.03
20	1.58	.10	-.33	-.43	-.40	-.64	-.38	-.61	-.42	-.46	-.03	.03
21	1.39	-.04	-.35	-.38	-.50	-.76	-.56	-.48	-.36	-.42	-.01	-.02
22	1.39	-.20	-.39	-.56	-.58	-.63	-.80	-.39	-.26	-.18	-.02	-.01
23	1.40	-.25	-.41	-.45	-.45	-.29	-.84	-.37	-.19	-.02	-.07	.09
24	1.46	-.03	-.56	-.54	-.51	-.45	-.62	-.66	-.07	-.02	-.31	.59
25	1.46	.18	-.74	-.62	-.46	-.66	-.50	-.64	-.41	-.22	-.45	.67
26	1.53	.13	-.82	-.59	-.07	-.56	-.33	-.33	-.45	-.44	-.45	.72
27	1.10	.02	-.98	-.71	-.33	-.39	-.35	-.37	-.27	-.46	-.46	.53
28	.76	-.13	-.96	-.80	-.59	-.47	-.43	-.33	-.11	-.75	-.16	.23
29	.54	-.09	-.86	-.90	------	-.41	-.54	-.24	-.19	-.65	-.57	.10
30	.56	.17	-.84	-.81	------	-.38	-.47	-.36	-.38	-.34	-.69	.09
31	.35	------	-.95	-.77	------	-.11	------	-.55	------	-.44	-.64	------
MEAN	.83	.21	-.30	-.61	-.38	-.56	-.56	-.46	-.37	-.33	-.29	-.01
MAX	1.58	.99	.14	-.28	-.04	-.04	-.29	-.15	-.07	-.02	-.01	.72
MIN	.09	-.25	-.98	-.97	-.72	-.99	-.84	-.74	-.73	-.75	-.69	-.64

WTR YR 1974 MEAN -.23 MAX 1.58 MIN -.99

02293250 Sanibel River at Sanibel, Fla.

LOCATION.--Lat 26°26'34", long 82°02'25", in SE quarter sec.19, T.46 S., R.23 E., Lee County, at left bank 20 ft (6.1 m) upstream from culvert on Beach Road at Sanibel.

DRAINAGE AREA.—3 sq mi (8 sq km), approximately.

PERIOD OF RECORD.--November 1970 to current year (gage heights only).

GAGE.—Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height, 3.77 ft (1.149 m) June 25; minimum, 0.28 ft (0.085 m) May 16.
Period of record: Maximum gage height, 3.77 ft (1.149 m) June 25, 1974; minimum, -0.02 ft (-0.006 m) May 9-11, 1971.

REMARKS.—Gage records water levels above control structure. Water levels are often affected by tidal fluctuations.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.46	1.60	1.03	1.06	.80	.71	.56	.38	.99	2.15	2.14	2.16
2	2.47	1.59	1.01	1.06	.79	.71	.56	.37	.94	2.11	2.30	2.20
3	2.46	1.57	.98	1.05	.81	.71	.56	.36	.95	2.04	2.32	1.87
4	2.44	1.53	.95	1.05	.84	.70	.56	.35	1.08	2.28	2.31	1.90
5	2.42	1.49	.96	1.05	.82	.69	.57	.35	1.23	2.39	2.22	2.07
6	2.38	1.48	.98	1.05	.80	.69	.56	.35	1.27	1.94	2.14	2.22
7	2.36	1.44	.99	1.03	.81	.68	.53	.35	1.30	2.01	2.04	2.29
8	2.35	1.40	.96	1.03	.83	.68	.50	.35	1.30	2.53	1.93	2.30
9	2.32	1.38	.91	1.01	.83	.68	.50	.35	1.30	2.62	1.86	2.32
10	2.28	1.35	.89	.98	.82	.67	.50	.32	1.25	2.43	2.11	2.33
11	2.24	1.31	.87	.97	.80	.67	.48	.32	1.22	2.52	2.50	2.33
12	2.20	1.29	.84	.96	.79	.67	.46	.34	1.20	2.56	2.27	2.38
13	2.17	1.26	.83	.93	.77	.66	.46	.33	1.19	2.54	2.11	2.38
14	2.13	1.24	.82	.91	.76	.66	.46	.32	1.50	2.17	2.46	2.37
15	2.10	1.22	.82	.88	.76	.64	.46	.32	1.59	2.46	2.41	2.34
16	2.08	1.22	.85	.83	.76	.65	.47	.31	1.69	2.50	2.09	2.29
17	2.05	1.23	.89	.84	.79	.65	.46	.34	1.72	2.50	2.41	2.26
18	2.00	1.23	.89	.84	.77	.63	.46	.38	1.71	2.50	2.46	2.24
19	1.95	1.23	.88	.85	.77	.63	.44	.39	1.66	2.48	2.47	2.21
20	1.92	1.22	.95	.85	.81	.63	.44	.48	1.63	2.47	2.49	2.25
21	1.90	1.21	1.08	.85	.82	.63	.42	.64	1.61	2.45	2.45	2.25
22	1.85	1.20	1.09	.85	.83	.63	.42	.72	1.64	2.41	2.43	2.23
23	1.83	1.17	1.09	.85	.84	.63	.43	.85	1.63	2.39	2.49	2.21
24	1.79	1.15	1.09	.85	.84	.63	.43	.96	2.13	2.44	2.52	2.24
25	1.75	1.15	1.05	.85	.82	.63	.43	1.03	3.28	2.53	2.52	2.22
26	1.73	1.15	1.06	.84	.79	.62	.42	1.07	2.75	2.52	2.49	2.24
27	1.70	1.15	1.07	.82	.73	.59	.40	1.08	2.57	2.51	2.05	2.23
28	1.70	1.14	1.07	.81	.72	.59	.39	1.08	2.44	2.54	2.18	2.23
29	1.68	1.11	1.07	.81	------	.59	.38	1.06	2.35	2.27	2.18	2.21
30	1.63	1.05	1.07	.81	------	.58	.37	1.03	2.28	2.23	1.83	2.21
31	1.59	------	1.06	.81	------	.57	------	1.03	------	2.30	1.81	------
MEAN	2.06	1.29	.97	.92	.80	.65	.47	.57	1.65	2.38	2.26	2.23
MAX	2.47	1.60	1.09	1.06	.84	.71	.57	1.08	3.28	2.62	2.52	2.38
MIN	1.59	1.05	.82	.81	.72	.57	.37	.31	.94	1.94	1.81	1.87

CAL YR 1973 MEAN 1.58 MAX 2.82 MIN .70
WTR YR 1974 MEAN 1.36 MAX 3.28 MIN .31

02293986 Peace Creek drainage canal near Alturas, Fla.

LOCATION.--Lat 27°55'23", long 81°42'28", in NW quarter sec.34, T.29 S., R.26 E., Polk County, near left bank at upstream side of highway bridge, 0.6 mile (1.0 km) north of State Highway 60, 3.5 miles (5.6 km) north of Alturas, 8.2 miles (13.2 km) east of Bartow, and 114 miles (183 km) upstream from mouth of Peace River at Charlotte Harbor.

DRAINAGE AREA.--160 sq mi (414 sq km).

PERIOD OF RECORD.--October 1946 to September 1971; October 1971 to current year (gage heights and discharge measurements only). Monthly discharge only for some periods, published in WSP 1304. Prior to October 1955, published as Peace Creek Marsh Outlet near Alturas.

GAGE.--Water-stage recorder. Datum of gage is 97.73 ft (29.788 m) above mean sea level (Florida Department of Transportation bench mark).

AVERAGE DISCHARGE.--25 years (1946-71), 96.7 cfs (2.74 cu m/s), 8.21 in/yr (209 mm/yr).

EXTREMES.--Current year: Maximum gage height, 8.31 ft (2.533 m) Sept. 11; minimum, 3.50 ft (1.067 m) Apr. 23, 30.
Period of record: Maximum discharge, 1,740 cfs (49.3 cu m/s) Aug. 28, 29, 1949; maximum gage height, 12.80 ft (3.901 m) Sept. 12, 1960; minimum discharge, 0.10 cfs (0.003 cu m/s) May 18, 1967; minimum gage height, 2.61 ft (0.796 m) May 26-28, 1949.
Maximum stage known, 13.3 ft (4.05 m) in 1928, from information by local residents; discharge, 2,540 cfs (71.9 cu m/s), from rating curve extended above 1,600 cfs (45.3 cu m/s).

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 3	61	May 22	7.8
Nov. 27	15	July 5	204
Jan. 22	12	July 11	124
Mar. 20	9.7	Sept. 3	50

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.38	4.27	3.88	3.83	3.88	3.84	3.71	3.57	3.75	5.72	7.05	5.24
2	5.21	4.29	3.88	3.86	3.88	3.86	3.67	3.62	3.77	6.51	6.80	5.10
3	5.11	4.23	3.82	3.90	3.87	3.86	3.68	3.65	3.77	8.21	6.53	5.00
4	5.02	4.14	3.79	3.93	3.81	3.80	3.69	3.67	3.81	8.13	6.31	5.94
5	4.91	4.06	3.82	3.96	3.78	3.74	3.75	3.67	3.84	7.81	6.38	6.42
6	4.79	4.02	3.86	3.97	3.79	3.79	3.87	3.64	3.87	7.52	6.57	6.47
7	4.70	4.03	3.89	3.92	3.80	3.81	3.83	3.64	3.86	7.31	6.69	6.37
8	4.64	4.05	3.92	3.88	3.85	3.82	3.76	3.77	3.85	7.55	6.69	6.33
9	4.62	4.06	3.96	3.90	3.93	3.84	3.68	3.79	3.82	7.19	6.60	6.48
10	4.60	4.05	3.88	3.92	3.90	3.85	3.69	3.79	3.78	6.85	6.51	8.09
11	4.55	3.98	3.87	3.93	3.85	3.74	3.70	3.78	3.79	6.60	6.65	8.29
12	4.50	3.89	3.89	3.93	3.79	3.67	3.71	3.77	3.81	6.33	6.75	8.14
13	4.43	3.88	3.91	3.93	3.82	3.72	3.73	3.69	3.97	6.09	6.95	7.82
14	4.37	3.91	3.94	3.89	3.83	3.74	3.72	3.58	4.07	5.83	6.93	7.42
15	4.30	3.93	3.98	3.84	3.84	3.77	3.59	3.64	4.09	5.59	6.82	6.98
16	4.26	3.95	4.09	3.86	3.86	3.78	3.55	3.78	4.08	5.38	6.66	6.55
17	4.19	3.96	4.06	3.89	3.93	3.79	3.64	3.87	4.05	5.18	6.47	6.27
18	4.15	3.94	4.00	3.91	3.91	3.77	3.67	3.88	4.01	5.15	6.28	6.14
19	4.13	3.88	4.02	3.93	3.87	3.75	3.68	3.87	3.98	5.39	6.19	5.86
20	4.09	3.87	4.04	3.77	3.90	3.76	3.67	3.72	3.90	5.22	6.31	5.55
21	4.08	3.91	4.05	3.77	3.90	3.77	3.68	3.61	3.88	5.05	6.40	5.36
22	4.04	3.91	4.03	3.77	3.88	3.84	3.58	3.61	3.85	4.95	6.83	5.21
23	4.01	3.86	4.03	3.81	3.89	3.92	3.53	3.64	3.84	5.23	6.75	5.07
24	3.98	3.82	3.97	3.84	3.89	3.90	3.59	3.69	3.87	5.20	6.61	5.14
25	4.02	3.83	3.88	3.85	3.81	3.77	3.62	3.72	4.15	5.64	6.44	5.19
26	4.02	3.83	3.82	3.87	3.74	3.74	3.63	3.76	4.29	5.93	6.25	5.13
27	3.99	3.84	3.77	3.87	3.77	3.74	3.65	3.75	6.23	6.25	6.03	5.04
28	3.94	3.86	3.81	3.84	3.81	3.75	3.66	3.73	6.82	6.44	5.82	5.03
29	3.89	3.86	3.89	3.81	------	3.75	3.58	3.72	6.50	7.09	5.62	4.93
30	3.87	3.86	3.90	3.83	------	3.77	3.52	3.72	6.10	7.28	5.48	4.84
31	3.87	------	3.84	3.85	------	3.76	------	3.73	------	7.19	5.38	------
MEAN	4.38	3.97	3.92	3.87	3.85	3.79	3.67	3.71	4.25	6.32	6.44	6.05
MAX	5.38	4.29	4.09	3.97	3.93	3.92	3.87	3.88	6.82	8.21	7.05	8.29
MIN	3.87	3.82	3.77	3.77	3.74	3.67	3.52	3.57	3.75	4.95	5.38	4.84

CAL YR 1973 MEAN 4.92 MAX 8.40 MIN 3.70
WTR YR 1974 MEAN 4.52 MAX 8.29 MIN 3.52

02294491 Saddle Creek at structure P-11 near Bartow, Fla.

LOCATION.--Lat 27°56'17", long 81°51'05", in SW quarter sec.19, T.29 S., R.25 E., Polk County, near right bank 65 ft (20 m) downstream from structure P-11, 0.7 mile (1.1 km) south of Lake Hancock, 2.3 miles (3.7 km) upstream from mouth, and 3.0 miles (4.8 km) north of post office in Bartow.

DRAINAGE AREA.--135 sq mi (350 sq km).

PERIOD OF RECORD.--November 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 84.08 ft (25.628 m) above mean sea level (Southwest Florida Water Management District reference mark). Prior to Aug. 15, 1968, at present site at datum 10.00 ft (3.048 m) higher.

AVERAGE DISCHARGE.--10 years (1964-74), 61.1 cfs (1.73 cu m/s).

EXTREMES.--Current year: Maximum daily discharge, 226 cfs (6.40 cu m/s) Aug. 16, 21; maximum gage height, 14.88 ft (4.535 m) Aug. 21; no flow for many days; minimum gage height, 9.75 ft (2.972 m) Apr. 11.
Period of record: Maximum daily discharge, 516 cfs (14.6 cu m/s) Aug. 13, 14, 1965; maximum gage height, 15.66 ft (4.773 m), present datum, Aug. 11, 1965 (wind affected); no flow for many days in some years; channel dry at gage May 7-23, 1968.

REMARKS.--Records fair. Flow regulated by structure P-11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	210	2.3	.01	.01			0		0	15	194	171
2	206	.19	.01	0			0		0	49	198	164
3	203	.20	0	0			0		0	59	199	158
4	199	.24	0	0			0		0	69	198	155
5	193	.23	0	0			0		0	76	197	157
6	188	.23	0	0			0		0	84	197	155
7	182	.24	0	0			0		0	89	196	152
8	176	.24	0	1.1			0		0	94	194	150
9	169	.24	0	3.0			0		0	102	191	150
10	165	4.6	0	.17			0		0	106	192	155
11	158	19	.74	.07			.60		0	108	201	152
12	153	19	.20	.03			.56		0	109	214	147
13	146	13	.12	.01			.30		0	113	221	144
14	140	.16	.12	0			.20		0	110	223	140
15	135	.66	.11	0			.13		0	108	224	138
16	130	.34	.13	0			.10		0	105	226	136
17	75	.32	.12	0			.07		0	102	225	136
18	21	.33	.11	0			.04		0	101	221	133
19	20	.65	.11	0			.02		0	100	221	131
20	20	.72	.12	0			.01		0	98	222	127
21	19	.07	.13	10			0		0	95	226	124
22	19	.03	.11	.03			0		0	92	225	121
23	19	.03	.12	0			0		0	90	221	120
24	18	.03	.13	0			0		0	90	216	116
25	18	.03	.13	0			0		0	93	211	100
26	18	.02	.13	0			0		0	90	205	92
27	18	.02	.13	0			0		0	90	199	90
28	17	.02	.13	0			0		.02	99	192	90
29	16	.01	.10	0	------		0		.01	110	186	89
30	8.7	.01	.06	0	------		0		.04	113	182	88
31	.31	------	.02	0	------		------		------	149	177	------
TOTAL	3,060.01	63.16	3.09	14.42	0	0	2.03	0	.07	2,908	6,394	3,981
MEAN	98.7	2.11	.10	.47	0	0	.068	0	.002	93.8	206	133
MAX	210	19	.74	10	0	0	.60	0	.04	149	226	171
MIN	.31	.01	0	0	0	0	0	0	0	15	177	88

CAL YR 1973 TOTAL 21,943.97 MEAN 60.1 MAX 274 MIN 0
WTR YR 1974 TOTAL 16,425.78 MEAN 45.0 MAX 226 MIN 0

02294650 Peace River at Bartow, Fla.

LOCATION.--Lat 27°54'07", long 81°49'03", in NE quarter sec.4, T.30 S., R.25 E., Polk County, near center of span on downstream side of bridge on State HIghway 60, 500 ft (150 m) downstream from McKinney Branch, 0.6 mile (1.0 km) east of Bartow, and 105 miles (169 km) upstream from mouth.

DRAINAGE AREA.--390 sq mi (1010 sq km).

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1950, published as Peace Creek at Bartow.

GAGE.--Water-stage recorder. Datum of gage is 90.56 ft (27.603 m) above mean sea level. Prior to July 12, 1940, nonrecording gage and July 12, 1940 to Nov. 5, 1948, water-stage recorder, at site 200 ft (60 m) downstream at present datum.

AVERAGE DISCHARGE.--35 years, 272 cfs (7.70 cu m/s).

EXTREMES.--Current year: Maximum discharge, 784 cfs (22.2 cu m/s) July 30, 31 (gage height, 4.59 ft, 1.399 m); minimum discharge, 14 cfs (0.40 cu m/s) Apr. 3, 4; minimum gage height, 0.58 ft (0.177 m) Dec. 11.
Period of record: Maximum discharge, 4,140 cfs (117 cu m/s) Sept. 24, 1947, from rating curve extended above 2,900 cfs (82.1 cu m/s); maximum gage height, 8.01 ft (2.441 m) Sept. 13, 14, 1960; minimum discharge, 1.1 cfs (0.031 cu m/s) Apr. 27, 1968 (gage height, 0.03 ft, 0.009 m).

REMARKS.--Records fair. Since 1949, records include an appreciable amount of waste water diverted from ground-water supplies into McKinney Branch by chemical plants and phosphate mines; since July 1963, some regulation by control structure P-11 on Saddle Creek.

REVISIONS (WATER YEARS).--WSP 1234: Drainage area. WRD Fla. 1970: 1969.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	377	57	38	55	37	32	17	16	20	207	749	382
2	356	64	38	54	36	31	15	15	22	231	741	363
3	345	59	39	55	36	31	14	16	23	307	704	344
4	335	55	38	56	36	30	14	17	24	400	648	338
5	325	51	38	56	36	28	19	18	24	475	621	392
6	313	48	42	57	35	26	22	27	24	473	616	450
7	300	46	41	57	36	26	22	26	23	454	607	454
8	287	46	31	55	38	27	21	27	40	457	607	450
9	275	46	30	57	41	27	20	27	31	474	586	449
10	264	45	36	58	40	27	18	28	31	452	566	594
11	252	59	30	55	39	26	18	27	45	421	602	728
12	240	64	44	54	38	23	18	26	48	386	681	774
13	227	61	74	55	37	22	18	25	41	360	711	751
14	217	46	71	56	37	21	20	22	36	332	716	703
15	207	40	68	53	36	20	22	22	34	302	717	639
16	197	40	64	48	38	22	21	23	33	275	709	572
17	172	40	61	46	39	22	25	27	34	255	682	510
18	95	41	59	45	38	21	25	33	34	238	652	463
19	79	41	57	45	36	20	25	38	33	244	618	425
20	74	39	61	45	37	19	24	31	33	287	608	399
21	70	40	79	52	36	19	22	26	33	267	620	375
22	68	39	76	50	35	27	22	21	31	251	612	348
23	65	39	71	44	34	28	20	23	30	242	631	328
24	62	37	68	44	35	29	19	23	36	250	628	330
25	60	37	64	46	36	27	20	23	45	284	596	313
26	61	37	60	46	35	22	20	23	50	298	569	286
27	61	37	56	45	33	19	19	23	74	325	538	267
28	60	37	55	45	32	19	19	23	133	401	501	257
29	58	37	57	42	------	19	19	21	201	575	462	251
30	55	37	58	39	------	21	17	21	220	761	427	239
31	43	------	57	37	------	18	------	21	------	772	401	------
TOTAL	5,600	1,365	1,661	1,552	1,022	749	595	739	1,486	11,456	19,126	13,174
MEAN	181	45.5	53.6	50.1	36.5	24.2	19.8	23.8	49.5	370	617	439
MAX	377	64	79	58	41	32	25	38	220	772	749	774
MIN	43	37	30	37	32	18	14	15	20	207	401	239

CAL YR 1973 TOTAL 57,113 MEAN 156 MAX 645 MIN 30
WTR YR 1974 TOTAL 58,525 MEAN 160 MAX 774 MIN 14

10D PEACE RIVER BASIN

02294650 Peace River at Bartow, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.89	1.39	.89	1.35	.95	.99	.73	.69	.93	3.39	4.53	3.79
2	3.82	1.57	.91	1.33	.96	.98	.68	.68	1.01	3.50	4.52	3.73
3	3.78	1.44	.92	1.34	.96	.96	.64	.71	1.04	3.80	4.45	3.68
4	3.74	1.33	.89	1.37	.96	.94	.64	.74	1.06	4.10	4.35	3.66
5	3.70	1.24	.90	1.38	.92	.88	.80	.76	1.05	4.31	4.30	3.82
6	3.65	1.16	.99	1.38	.91	.82	.90	1.05	1.05	4.30	4.29	3.97
7	3.60	1.12	.98	1.39	.93	.83	.90	1.05	1.03	4.25	4.27	3.98
8	3.55	1.10	.70	1.35	1.08	.86	.89	1.07	1.51	4.26	4.27	3.97
9	3.50	1.10	.70	1.40	1.19	.86	.84	1.09	1.25	4.30	4.23	3.96
10	3.46	1.08	.85	1.41	1.15	.86	.77	1.09	1.26	4.25	4.19	4.24
11	3.41	1.45	.69	1.34	1.14	.83	.77	1.06	1.67	4.16	4.26	4.50
12	3.36	1.56	1.05	1.33	1.11	.75	.78	1.03	1.74	4.08	4.41	4.57
13	3.31	1.51	1.82	1.35	1.08	.71	.79	1.00	1.55	4.01	4.47	4.54
14	3.26	1.11	1.75	1.36	1.07	.69	.84	.94	1.40	3.92	4.47	4.45
15	3.21	.96	1.67	1.29	1.07	.66	.90	.91	1.34	3.82	4.48	4.34
16	3.16	.96	1.58	1.17	1.12	.72	.88	.97	1.32	3.73	4.46	4.20
17	3.01	.95	1.50	1.11	1.15	.73	1.00	1.08	1.36	3.66	4.42	4.07
18	2.26	.96	1.44	1.09	1.14	.72	.99	1.27	1.35	3.59	4.36	3.98
19	1.95	.96	1.39	1.08	1.07	.68	.99	1.41	1.30	3.61	4.30	3.90
20	1.82	.93	1.50	1.08	1.12	.65	.96	1.22	1.32	3.77	4.28	3.83
21	1.73	.94	1.94	1.25	1.09	.66	.92	1.10	1.30	3.70	4.30	3.77
22	1.68	.92	1.87	1.21	1.07	.90	.90	.97	1.26	3.64	4.28	3.69
23	1.61	.91	1.76	1.05	1.04	.98	.85	1.02	1.22	3.61	4.32	3.63
24	1.54	.87	1.68	1.08	1.06	1.03	.81	1.04	1.39	3.64	4.32	3.63
25	1.48	.86	1.58	1.12	1.11	.99	.83	1.03	1.67	3.76	4.25	3.58
26	1.51	.88	1.48	1.13	1.08	.87	.84	1.02	1.81	3.81	4.20	3.49
27	1.50	.87	1.36	1.12	1.01	.82	.82	1.03	2.37	3.90	4.13	3.42
28	1.48	.88	1.35	1.11	.99	.80	.80	1.02	2.94	4.05	4.05	3.39
29	1.43	.88	1.39	1.06	------	.80	.79	.98	3.33	4.34	3.98	3.36
30	1.33	.87	1.42	.98	------	.88	.75	.95	3.42	4.55	3.90	3.32
31	1.02	------	1.40	.93	------	.76	------	.95	------	4.57	3.84	------
MEAN	2.64	1.09	1.30	1.22	1.05	.83	.83	1.00	1.54	3.95	4.29	3.88
MAX	3.89	1.57	1.94	1.41	1.19	1.03	1.00	1.41	3.42	4.57	4.53	4.57
MIN	1.02	.86	.69	.93	.91	.65	.64	.68	.93	3.39	3.84	3.32

CAL YR 1973 MEAN 2.35 MAX 4.51 MIN .69
WTR YR 1974 MEAN 1.98 MAX 4.57 MIN .64

02294898 Peace River at Fort Meade, Fla.

LOCATION.--Lat 27°45'04", long 81°46'56", in SE quarter sec.26, T.31 S., R.25 E., Polk County, near right bank on downstream side of bridge on U. S. Highway 98, 0.4 mile (0.6 km) downstream from Sink Branch, 1.2 miles (1.9 km) east of U. S. Highway 17 in Fort Meade, and 92 miles (148 km) upstream from mouth.

DRAINAGE AREA.--465 sq mi (1204 sq km).

PERIOD OF RECORD.--April to June 1964 (fragmentary); July 1964 to April 1967 (gage heights only); May 1967 to September 1969; February 1972 to May 1974 (gage heights and periodic discharge measurements only), incomplete; June to September 1974.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to May 10, 1974, nonrecording gage at present site and datum.

EXTREMES.--Current year: Maximum discharge during period June to September, 522 cfs (14.8 cu m/s) July 8 (gage height 75.58 ft, 23.037 m), also maximum for water year; minimum discharge during period June to September, 31 cfs (0.88 cu m/s) June 7; minimum gage height, 70.80 ft (21.580 m) Apr. 26, 27, May 15.

Period of record: Maximum discharge measured, 813 cfs (23.0 cu m/s) July 23, 1968; maximum gage height observed, 77.20 ft (23.531 m) Aug. 14, 15, 1965; minimum discharge measured, 34 cfs (0.96 cu m/s) Mar. 20, 1974; minimum gage height observed, 69.90 ft (21.306 m) June 21, 1965.

REMARKS.--Records good.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 4	316	May 21	39
Nov. 26	78	July 5	473
Jan. 21	65	July 13	374
Mar. 20	34	Sept. 3	284

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									52	209	415	278
2									73	332	450	270
3									71	446	477	279
4									45	457	471	315
5									55	477	474	288
6									67	479	488	280
7									40	481	463	307
8									159	514	432	307
9									139	494	394	317
10									147	457	371	390
11									257	423	370	396
12									184	400	395	397
13									163	372	424	409
14									189	354	440	430
15									127	321	444	436
16									121	276	444	435
17									106	264	445	418
18									70	262	429	391
19									53	249	425	366
20									56	229	416	341
21									57	233	411	309
22									65	240	407	290
23									69	269	394	272
24									108	274	386	267
25									185	338	383	254
26									167	295	367	249
27									359	305	359	246
28									428	353	356	229
29				------					335	357	343	222
30				------					243	373	317	208
31		------		------		------			------	385	299	------
TOTAL									4,190	10,918	12,689	9,596
MEAN									140	352	409	320
MAX									428	514	488	436
MIN									40	209	299	208
CFSM									.30	.76	.88	.69
IN.									.34	.87	1.02	.77

10D PEACE RIVER BASIN

02294898 Peace River at Fort Meade, Fla.

GAGE HEIGHT. IN FEET. WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.29	72.10	71.14	71.44	71.60	71.12	70.98	71.06	71.15	72.72	74.79	73.41
2	74.22	71.98	71.26	71.50	71.30	71.00	70.86	71.10	71.37	73.95	75.10	73.33
3	74.22	71.70	71.20	71.74	71.40	70.94	70.86	71.18	71.37	75.06	75.32	73.42
4	73.98	71.60	71.06	71.54	71.40	70.90	70.94	71.18	71.07	75.17	75.29	73.77
5	73.96	71.38	71.14	71.68	71.34	70.84	71.68	71.20	71.20	75.29	75.30	73.51
6	73.82	71.40	71.60	71.66	71.26	71.18	71.38	71.35	71.32	75.33	75.38	73.43
7	73.86	71.44	71.34	71.90	71.26	71.20	71.24	71.50	70.99	75.34	75.22	73.69
8	73.88	71.50	71.36	71.76	71.60	71.20	71.16	71.60	72.28	75.54	74.95	73.69
9	73.58	71.50	71.36	71.88	71.60	71.20	71.38	71.49	72.06	75.42	74.59	73.80
10	73.52	71.48	71.36	71.66	71.38	71.32	71.28	71.19	72.14	75.17	74.35	74.54
11	73.26	71.12	71.36	71.80	71.46	71.36	71.06	71.25	73.19	74.86	74.33	74.61
12	73.06	71.48	71.24	71.70	71.36	71.24	70.90	71.19	72.50	74.65	74.60	74.61
13	73.06	71.48	71.22	71.48	71.26	71.18	71.22	71.16	72.30	74.35	74.87	74.73
14	72.98	71.60	71.38	71.40	71.44	71.34	71.20	71.10	72.55	74.16	75.02	74.93
15	72.88	71.64	71.48	71.48	71.56	71.20	71.26	70.87	71.94	73.83	75.05	74.98
16	72.78	71.48	71.58	71.46	71.76	71.16	71.26	71.06	71.89	73.39	75.06	74.97
17	72.68	71.34	72.00	71.40	71.50	71.34	71.40	71.25	71.74	73.26	75.06	74.81
18	72.58	71.44	71.88	71.32	71.50	71.34	71.20	71.28	71.37	73.23	74.92	74.56
19	72.49	71.40	71.82	71.34	71.46	71.30	70.90	71.43	71.16	73.10	74.88	74.29
20	72.40	71.32	71.98	71.34	71.46	71.18	71.20	71.30	71.21	72.90	74.80	74.03
21	72.31	71.18	71.82	71.40	71.46	70.88	71.20	71.04	71.22	72.94	74.75	73.71
22	72.21	71.26	71.74	71.48	71.56	71.28	71.10	71.02	71.31	73.00	74.71	73.53
23	72.12	71.34	71.48	71.42	71.20	71.14	71.08	71.34	71.35	73.32	74.59	73.34
24	72.02	71.42	71.38	71.34	71.40	71.26	71.00	70.99	71.76	73.36	74.50	73.29
25	71.92	71.18	71.42	71.70	71.40	71.08	71.10	71.25	72.51	73.99	74.47	73.15
26	71.80	71.34	71.64	71.34	71.40	71.36	70.80	71.35	72.34	73.58	74.30	73.10
27	71.60	71.76	71.58	71.20	71.40	71.38	70.80	71.24	74.22	73.68	74.21	73.06
28	71.60	71.46	71.52	71.60	71.40	71.20	70.90	71.08	74.91	74.14	74.18	72.90
29	71.40	71.58	71.46	71.20	------	71.30	71.04	71.34	73.97	74.19	74.05	72.84
30	71.40	71.34	71.34	71.10	------	71.36	70.98	71.35	73.04	74.37	73.79	72.70
31	71.38	------	71.40	71.10	------	71.24	------	71.31	------	74.50	73.62	------
MEAN	72.81	71.47	71.47	71.50	71.43	71.19	71.11	71.23	72.05	74.12	74.71	73.82
MAX	74.29	72.10	72.00	71.90	71.76	71.38	71.68	71.60	74.91	75.54	75.38	74.98
MIN	71.38	71.12	71.06	71.10	71.20	70.84	70.80	70.87	70.99	72.72	73.62	72.70

WTR YR 1974 MEAN 72.25 MAX 75.54 MIN 70.80

02295637 Peace River at Zolfo Springs, Fla.

LOCATION.--Lat 27°30'15", long 81°48'04", in S half sec.22, T.34 S., R.25 E., Hardee County, near right bank on downstream side of bridge on U. S. Highway 17, 0.8 mile (1.3 km) north of Zolfo Springs, and 69 miles (111 km) upstream from mouth.

DRAINAGE AREA.--826 sq mi (2139 sq km).

PERIOD OF RECORD.--September 1933 to current year. Prior to October 1950, published as Peace Creek at Zolfo Springs.

GAGE.--Water-stage recorder. Datum of gage is 30.20 ft (9.205 m) above mean sea level. Prior to Oct. 1, 1964, at present site at datum 5.00 ft (1.524 m) higher.

AVERAGE DISCHARGE.--41 years, 714 cfs (20.2 cu m/s), 11.74 in/yr (298 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,870 cfs (138 cu m/s) July 7 (gage height, 17.09 ft, 5.209 m); minimum, 81 cfs (2.29 cu m/s) Apr. 28, 29, 30, May 6 (gage height 4.80 ft, 1.463 m).
Period of record: Maximum discharge, 26,300 cfs (745 cu m/s) Sept. 6, 1933 (gage height, 25.05 ft, 7.635 m, present datum); minimum, 39 cfs (1.10 cu m/s) June 6, 1965 (gage height, 3.96 ft, 1.207 m).

REMARKS.--Records good. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	741	242	191	207	172	186	104	85	157	1,840	1,460	457
2	670	348	169	214	171	170	88	99	125	1,590	1,320	419
3	645	317	185	224	168	150	92	94	194	2,340	1,250	439
4	626	254	168	234	175	151	87	109	215	3,150	1,200	617
5	593	229	141	208	180	134	85	83	174	4,250	1,290	781
6	552	211	163	216	171	118	143	89	161	4,750	1,500	779
7	517	221	204	232	155	133	126	129	151	4,730	1,580	831
8	512	218	204	249	187	166	121	141	116	4,030	1,540	737
9	760	222	205	237	188	160	113	146	213	3,150	1,340	646
10	789	219	187	216	177	126	120	122	220	2,510	1,200	889
11	613	186	169	246	180	123	120	114	269	1,860	1,090	933
12	556	164	172	246	186	132	94	117	370	1,420	1,810	807
13	508	167	166	221	171	140	86	113	313	1,210	2,910	948
14	454	181	192	214	184	124	114	122	277	1,020	2,360	1,040
15	408	185	219	225	169	132	111	122	287	839	1,500	1,050
16	372	186	221	226	176	129	106	125	236	676	1,160	1,080
17	364	172	297	207	258	128	117	177	300	599	1,000	945
18	335	163	311	211	246	136	116	168	270	790	938	858
19	323	167	284	191	244	112	103	171	194	727	883	773
20	280	175	253	174	247	105	107	157	149	591	992	697
21	278	177	258	185	232	107	87	134	142	512	1,030	619
22	238	169	248	188	247	124	85	103	139	482	898	542
23	235	162	228	199	208	129	87	94	146	632	1,040	499
24	240	176	219	211	179	119	94	122	183	556	906	476
25	212	187	212	255	172	117	88	107	407	565	739	465
26	217	168	215	226	177	115	84	146	578	683	671	446
27	224	174	210	172	175	124	83	143	1,010	856	623	467
28	201	182	216	184	181	132	82	122	1,890	1,340	611	438
29	200	159	274	197	------	120	81	102	2,100	1,520	593	394
30	204	226	266	179	------	121	81	128	2,250	1,760	530	381
31	200	------	239	168	------	114	------	134	------	1,650	485	------
TOTAL	13,067	6,007	6,686	6,562	5,376	4,077	3,005	3,818	13,236	52,628	36,449	20,453
MEAN	422	200	216	212	192	132	100	123	441	1,698	1,176	682
MAX	789	348	311	255	258	186	143	177	2,250	4,750	2,910	1,080
MIN	200	159	141	168	155	105	81	83	116	482	485	381
CFSM	.51	.24	.26	.26	.23	.16	.12	.15	.53	2.06	1.42	.83
IN.	.59	.27	.30	.30	.24	.18	.14	.17	.60	2.37	1.64	.92

CAL YR 1973 TOTAL 227,329 MEAN 623 MAX 3,790 MIN 109 CFSM .75 IN 10.24
WTR YR 1974 TOTAL 171,364 MEAN 469 MAX 4,750 MIN 81 CFSM .57 IN 7.72

10D PEACE RIVER BASIN

02295637 Peace River at Zolfo Springs, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.34	5.90	5.58	5.69	5.44	5.60	5.01	4.84	5.50	12.64	11.52	6.91
2	8.00	6.44	5.42	5.74	5.43	5.48	4.87	4.97	5.26	11.99	10.93	6.73
3	7.88	6.29	5.54	5.80	5.41	5.34	4.90	4.92	5.72	13.68	10.61	6.82
4	7.79	5.97	5.41	5.85	5.46	5.35	4.86	5.06	5.85	15.02	10.42	7.63
5	7.63	5.83	5.19	5.70	5.50	5.20	4.84	4.82	5.59	16.40	10.80	8.47
6	7.44	5.72	5.36	5.74	5.43	5.08	5.35	4.88	5.53	16.96	11.67	8.46
7	7.27	5.78	5.67	5.84	5.31	5.20	5.21	5.24	5.46	16.94	11.96	8.70
8	7.25	5.76	5.67	5.94	5.54	5.48	5.16	5.33	5.19	16.13	11.82	8.23
9	8.43	5.78	5.68	5.87	5.56	5.43	5.09	5.37	5.83	15.02	11.04	7.78
10	8.56	5.76	5.55	5.75	5.47	5.17	5.16	5.17	5.88	14.01	10.40	8.98
11	7.73	5.54	5.41	5.91	5.50	5.14	5.16	5.10	6.15	12.69	9.92	9.20
12	7.46	5.38	5.44	5.92	5.54	5.23	4.92	5.13	6.66	11.34	12.43	8.58
13	7.23	5.40	5.40	5.78	5.43	5.29	4.85	5.09	6.38	10.47	14.68	9.28
14	6.97	5.51	5.58	5.74	5.53	5.17	5.10	5.17	6.20	9.65	13.71	9.71
15	6.74	5.54	5.77	5.80	5.41	5.24	5.08	5.17	6.26	8.84	11.64	9.75
16	6.56	5.54	5.78	5.81	5.47	5.22	5.03	5.19	5.97	8.11	10.23	9.87
17	6.52	5.44	6.19	5.69	5.98	5.22	5.13	5.62	6.30	7.75	9.56	9.26
18	6.38	5.37	6.25	5.72	5.92	5.29	5.13	5.56	6.15	8.62	9.27	8.84
19	6.31	5.40	6.12	5.58	5.92	5.09	5.00	5.60	5.71	8.35	9.03	8.43
20	6.10	5.47	5.96	5.45	5.94	5.02	5.04	5.50	5.44	7.71	9.50	8.02
21	6.09	5.48	5.99	5.54	5.86	5.04	4.85	5.33	5.39	7.33	9.68	7.65
22	5.88	5.42	5.93	5.56	5.94	5.19	4.84	5.09	5.37	7.17	9.10	7.31
23	5.86	5.37	5.82	5.64	5.73	5.23	4.86	5.02	5.42	7.90	9.71	7.11
24	5.88	5.47	5.77	5.72	5.52	5.15	4.92	5.24	5.62	7.54	9.10	7.00
25	5.72	5.55	5.72	5.97	5.48	5.13	4.87	5.12	6.82	7.58	8.33	6.94
26	5.75	5.41	5.74	5.81	5.52	5.11	4.83	5.42	7.67	8.15	7.99	6.85
27	5.80	5.45	5.71	5.44	5.51	5.19	4.82	5.39	9.55	8.91	7.73	6.95
28	5.65	5.52	5.75	5.53	5.56	5.26	4.81	5.23	12.78	11.03	7.63	6.82
29	5.64	5.34	6.07	5.63	------	5.16	4.80	5.08	13.23	11.73	7.51	6.59
30	5.67	5.80	6.03	5.49	------	5.17	4.80	5.28	13.52	12.48	7.25	6.53
31	5.64	------	5.88	5.41	------	5.10	------	5.33	------	12.17	7.03	------
MEAN	6.78	5.62	5.72	5.71	5.58	5.22	4.98	5.20	6.75	11.11	10.07	7.98
MAX	8.56	6.44	6.25	5.97	5.98	5.60	5.35	5.62	13.52	16.96	14.68	9.87
MIN	5.64	5.34	5.19	5.41	5.31	5.02	4.80	4.82	5.19	7.17	7.03	6.53

CAL YR 1973 MEAN 7.50 MAX 15.55 MIN 5.04
WTR YR 1974 MEAN 6.74 MAX 16.96 MIN 4.80

02296180 Little Charley Bowlegs Creek near Crewsville, Fla.

LOCATION.--Lat 27°25'48", long 81°33'04", in SE quarter sec.18, T.35 S., R.28 E., Highlands County, near center of span on downstream side of county bridge, 2.1 miles (3.4 km) east of Crewsville, 2.3 miles (3.7 km) upstream from Highlands Hammock State Park south fence line, and 8.2 miles (13.2 km) southwest of Sebring.

DRAINAGE AREA.--21.2 sq mi (54.9 sq km).

PERIOD OF RECORD.--July 1967 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 62.32 ft (18.995 m) above mean sea level.

EXTREMES.--Current year: Maximum gage height, 20.28 ft (6.181 m) July 5, 6; minimum, 15.10 ft (4.602 m) May 14, 15.
Period of record: Maximum gage height, that of July 5, 6, 1974; minimum, 14.68 ft (4.474 m) June 18, 19, 1971.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.91	16.88	16.47	16.54	16.55	16.69	16.18	15.47	17.69	20.02	18.58	17.85
2	17.88	17.13	16.44	16.53	16.54	16.70	16.15	15.46	17.63	20.00	18.64	17.74
3	17.82	17.14	16.44	16.52	16.53	16.70	16.11	15.44	17.54	19.98	18.65	17.64
4	17.75	17.13	16.44	16.52	16.51	16.69	16.08	15.41	17.55	20.18	18.69	17.55
5	17.67	17.10	16.43	16.51	16.50	16.67	16.06	15.36	17.54	20.27	18.83	17.48
6	17.55	17.05	16.42	16.51	16.50	16.64	16.08	15.34	17.43	20.25	18.88	17.66
7	17.45	16.97	16.40	16.51	16.50	16.62	16.13	15.32	17.26	20.21	18.92	17.79
8	17.61	16.89	16.39	16.50	16.49	16.60	16.11	15.29	17.07	20.17	18.92	17.88
9	18.12	16.81	16.39	16.49	16.49	16.55	16.08	15.28	16.90	20.01	18.90	17.90
10	18.09	16.75	16.38	16.49	16.47	16.51	16.04	15.24	16.81	19.82	18.84	17.88
11	18.04	16.70	16.38	16.49	16.47	16.51	16.01	15.20	17.23	19.63	18.81	17.84
12	18.00	16.69	16.37	16.49	16.46	16.51	15.97	15.17	17.65	19.49	19.00	17.78
13	17.93	16.68	16.36	16.49	16.45	16.52	15.93	15.14	17.69	19.39	19.10	17.77
14	17.85	16.67	16.36	16.49	16.44	16.52	15.90	15.11	17.66	19.27	19.11	18.17
15	17.77	16.65	16.36	16.48	16.43	16.53	15.95	15.59	17.75	19.15	19.11	18.34
16	17.68	16.64	16.36	16.48	16.45	16.54	15.94	16.94	17.84	19.04	19.36	18.38
17	17.56	16.63	16.35	16.47	16.48	16.55	15.94	17.15	17.81	18.97	19.42	18.37
18	17.44	16.62	16.35	16.47	16.48	16.55	15.91	17.09	17.76	18.98	19.37	18.30
19	17.35	16.61	16.35	16.46	16.51	16.56	15.89	17.12	17.67	18.91	19.28	18.20
20	17.26	16.60	16.38	16.46	16.83	16.52	15.85	16.99	17.55	18.83	19.19	18.19
21	17.17	16.59	16.43	16.50	16.93	16.48	15.80	16.82	17.43	18.73	19.08	18.11
22	17.09	16.57	16.49	16.56	16.95	16.45	15.78	16.72	17.43	18.62	18.98	18.16
23	17.01	16.56	16.51	16.56	16.95	16.43	15.75	16.75	17.36	18.52	18.89	18.09
24	16.93	16.55	16.52	16.60	16.92	16.42	15.73	17.10	17.73	18.39	18.80	18.01
25	16.85	16.53	16.53	16.63	16.88	16.40	15.70	17.93	18.38	18.43	18.71	17.95
26	16.79	16.52	16.54	16.63	16.78	16.37	15.66	17.93	18.64	18.45	18.59	17.92
27	16.75	16.51	16.55	16.62	16.71	16.35	15.62	17.84	19.20	18.61	18.48	17.92
28	16.73	16.50	16.56	16.61	16.68	16.32	15.58	17.72	19.91	18.63	18.34	17.89
29	16.77	16.49	16.56	16.59	------	16.28	15.54	17.59	19.99	18.61	18.19	17.91
30	16.75	16.48	16.56	16.57	------	16.25	15.52	17.64	20.08	18.59	18.06	17.92
31	16.71	------	16.55	16.56	------	16.21	------	17.66	------	18.57	17.96	------
MEAN	17.43	16.72	16.44	16.53	16.60	16.50	15.90	16.35	17.87	19.25	18.83	17.95
MAX	18.12	17.14	16.56	16.63	16.95	16.70	16.18	17.93	20.08	20.27	19.42	18.38
MIN	16.71	16.48	16.35	16.46	16.43	16.21	15.52	15.11	16.81	18.39	17.96	17.48

CAL YR 1973 MEAN 17.26 MAX 19.44 MIN 15.78
WTR YR 1974 MEAN 17.20 MAX 20.27 MIN 15.11

02296191 Little Charley Bowlegs Creek at South Fence Line Road, near Sebring, Fla.

LOCATION.--Lat 27°27'48", long 81°33'15", in NE quarter sec.6, T.35 S., R.28 E., Highlands County, near center of span on downstream side of bridge on South Fence Line Road in Highlands Hammock State Park, 2 miles (3 km) upstream from unnamed creek, 7.2 miles (11.6 km) southwest of Sebring, and 8.5 miles (13.7 km) upstream from mouth.

DRAINAGE AREA.--30.6 sq mi (79.3 sq km).

PERIOD OF RECORD.--January 1952 to June 1958 (fragmentary); July to September 1965 (elevations only); October 1965 to current year (gage heights only). Published since July 1965.

GAGE.--Water-stage recorder. Datum of gage is 62.32 ft (18.995 m) above mean sea level. Prior to Feb. 20, 1969, nonrecording gage at present site and datum.

EXTREMES.--Current year: Maximum gage height, 18.85 ft (5.745 m) July 5, 6; minimum, 14.92 ft (4.548 m) May 15.
Period of record: Maximum gage height observed, 18.96 ft (5.779 m) Sept. 11, 1954; minimum, 13.96 ft (4.225 m) June 25, 1971.

REMARKS.--Low stages regulated by control structure 1.0 mile (1.6 km) downstream.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.91	16.40	15.93	16.26	16.19	16.51	15.72	15.40	16.98	18.45	17.41	17.00
2	16.86	16.49	15.92	16.26	16.18	16.49	15.69	15.36	16.92	18.39	17.38	16.93
3	16.83	16.54	15.92	16.26	16.16	16.47	15.65	15.32	16.87	18.37	17.36	16.86
4	16.79	16.56	15.92	16.26	16.15	16.45	15.61	15.28	16.84	18.64	17.33	16.83
5	16.77	16.56	15.92	16.26	16.13	16.43	15.64	15.24	16.79	18.82	17.39	16.80
6	16.71	16.56	15.92	16.25	16.11	16.41	15.78	15.21	16.73	18.80	17.41	16.83
7	16.67	16.55	15.91	16.25	16.09	16.39	15.77	15.20	16.65	18.72	17.44	16.85
8	16.81	16.54	15.92	16.25	16.09	16.36	15.74	15.18	16.55	18.63	17.46	16.89
9	17.09	16.53	15.93	16.25	16.10	16.34	15.73	15.14	16.43	18.45	17.46	16.91
10	17.13	16.52	15.93	16.25	16.08	16.32	15.70	15.10	16.37	18.24	17.40	16.89
11	17.11	16.50	15.93	16.24	16.06	16.29	15.66	15.06	16.69	18.03	17.40	16.87
12	17.06	16.48	15.93	16.24	16.05	16.26	15.63	15.02	16.91	17.87	17.56	16.85
13	17.00	16.47	15.92	16.23	16.04	16.23	15.59	14.99	16.95	17.77	17.58	16.83
14	16.95	16.46	15.93	16.23	16.02	16.19	15.60	14.95	16.94	17.70	17.56	16.91
15	16.90	16.45	15.94	16.22	16.01	16.16	15.82	15.06	16.95	17.61	17.54	16.97
16	16.86	16.45	15.95	16.21	16.05	16.14	15.83	15.47	16.95	17.54	17.59	17.03
17	16.82	16.46	15.98	16.20	16.16	16.11	15.86	16.19	16.93	17.50	17.64	17.06
18	16.79	16.46	15.98	16.20	16.17	16.08	15.86	16.32	16.91	17.50	17.66	17.06
19	16.79	16.46	15.99	16.19	16.20	16.05	15.83	16.33	16.88	17.47	17.65	17.05
20	16.75	16.26	16.04	16.18	16.51	16.03	15.80	16.31	16.84	17.45	17.61	17.03
21	16.71	16.08	16.16	16.19	16.58	16.01	15.77	16.21	16.81	17.41	17.56	17.02
22	16.66	16.02	16.19	16.21	16.59	15.99	15.74	16.10	16.79	17.36	17.51	17.03
23	16.61	15.99	16.20	16.22	16.59	15.97	15.71	16.09	16.75	17.31	17.48	17.01
24	16.54	15.98	16.21	16.22	16.58	15.95	15.68	16.38	16.91	17.27	17.43	16.99
25	16.46	15.97	16.22	16.23	16.56	15.94	15.65	16.89	17.18	17.30	17.38	16.96
26	16.40	15.95	16.23	16.23	16.54	15.92	15.60	17.00	17.43	17.39	17.33	16.97
27	16.35	15.93	16.24	16.23	16.53	15.89	15.56	16.99	18.00	17.51	17.29	17.02
28	16.33	15.93	16.25	16.22	16.52	15.85	15.53	16.94	18.74	17.53	17.24	17.04
29	16.36	15.93	16.26	16.22	------	15.83	15.48	16.91	18.65	17.49	17.18	17.05
30	16.36	15.93	16.26	16.21	------	15.80	15.44	16.96	18.57	17.46	17.13	17.04
31	16.35	------	16.26	16.20	------	15.76	------	17.00	------	17.44	17.07	------
MEAN	16.73	16.31	16.04	16.23	16.25	16.15	15.69	15.86	17.06	17.85	17.43	16.95
MAX	17.13	16.56	16.26	16.26	16.59	16.51	15.86	17.00	18.74	18.82	17.66	17.06
MIN	16.33	15.93	15.91	16.18	16.01	15.76	15.44	14.95	16.37	17.27	17.07	16.80

CAL YR 1973 MEAN 16.42 MAX 17.77 MIN 14.87
WTR YR 1974 MEAN 16.55 MAX 18.82 MIN 14.95

02296207 Little Charley Bowlegs Creek at Cottage Road, near Sebring, Fla.

LOCATION.--Lat 27°28'13", long 81°33'14", in NE quarter sec.6, T.35 S., R.28 E., Highlands County, 30 ft (9 m) downstream from bridge on Cottage Road in Highlands Hammock State Park, 1.5 miles (2.4 km) upstream from unnamed creek, 2.4 miles (3.9 km) west of park entrance, 7.3 miles (11.7 km) southwest of Sebring, and 7.9 miles (12.7 km) upstream from mouth.

DRAINAGE AREA.--38.1 sq mi (98.7 sq km).

PERIOD OF RECORD.--January 1952 to July 1960 (fragmentary); July to September 1965 (elevations only); October 1965 to current year (gage heights only). Published since July 1965.

GAGE.--Nonrecording gage read once daily. Datum of gage is 62.32 ft (18.995 m) above mean sea level. Prior to Apr. 27, 1971, at site 30 ft (9 m) upstream at present datum.

EXTREMES.--Current year: Maximum gage height observed, 18.52 ft (5.645 m) July 6; minimum observed, 14.96 ft (4.560 m) May 14.
Period of record: Maximum gage height observed, that of July 6, 1974; channel dry at gage May 25 to June 30, 1971.

REMARKS.--Low stages regulated by control structure 0.6 mile (1.0 km) downstream.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.18	16.35	15.90	16.26	16.23	16.50	15.72	15.41	16.42	18.07	16.72	16.30
2	16.16	16.41	15.90	16.27	16.20	16.49	15.70	15.36	16.30	18.07	16.70	16.24
3	16.10	16.46	15.92	16.27	16.20	16.48	15.68	15.34	16.19	17.95	16.71	16.20
4	16.08	16.53	15.94	16.26	16.19	16.44	15.67	15.30	16.17	18.26	16.72	16.15
5	16.07	16.54	15.94	16.26	16.14	16.43	15.80	15.25	16.10	18.50	16.83	16.11
6	16.02	16.54	15.93	16.26	16.13	16.42	15.82	15.24	16.05	18.52	16.85	16.14
7	16.07	16.54	15.93	16.26	16.11	16.40	15.80	15.22	16.00	18.39	16.89	16.20
8	16.42	16.51	15.93	16.26	16.09	16.38	15.76	15.18	15.94	18.30	16.83	16.22
9	16.58	16.51	15.93	16.25	16.08	16.36	15.76	15.14	15.86	18.06	16.80	16.25
10	16.64	16.51	15.93	16.25	16.07	16.32	15.70	15.12	15.84	17.88	16.75	16.20
11	16.56	16.50	15.93	16.25	16.06	16.29	15.66	15.08	16.02	17.63	16.74	16.18
12	16.47	16.49	15.93	16.25	16.06	16.26	15.65	15.04	16.32	17.46	17.00	16.16
13	16.37	16.48	15.93	16.22	16.04	16.24	15.60	15.00	16.41	17.31	17.02	16.12
14	16.29	16.47	15.96	16.22	16.03	16.20	15.58	14.96	16.39	17.14	16.96	16.22
15	16.22	16.46	15.93	16.22	16.08	16.17	15.81	15.10	16.35	17.03	16.98	16.30
16	16.21	16.47	15.94	16.22	16.12	16.16	15.83	15.29	16.35	16.89	17.00	16.37
17	16.16	16.47	15.96	16.21	16.14	16.13	15.86	15.73	16.31	16.85	17.08	16.39
18	16.16	16.47	15.99	16.20	16.15	16.08	15.88	15.83	16.26	16.86	17.09	16.38
19	16.16	16.47	15.99	16.20	16.17	16.07	15.85	15.91	16.18	16.83	17.05	16.35
20	16.12	16.02	16.05	16.20	16.47	16.07	15.82	15.98	16.16	16.79	16.99	16.32
21	16.12	15.96	16.14	16.20	16.56	16.03	15.78	16.02	16.09	16.77	16.94	16.32
22	16.10	15.98	16.16	16.20	16.58	16.00	15.75	16.03	16.08	16.69	16.80	16.32
23	16.04	15.98	16.18	16.21	16.58	15.99	15.72	16.05	16.05	16.65	16.80	16.30
24	16.04	15.96	16.22	16.22	16.57	15.96	15.70	16.11	16.24	16.57	16.76	16.28
25	16.02	15.96	16.22	16.22	16.56	15.95	15.66	16.36	16.66	16.65	16.70	16.25
26	16.08	15.94	16.24	16.23	16.54	15.90	15.60	16.40	16.98	16.82	16.63	16.30
27	16.10	15.93	16.25	16.24	16.52	15.88	15.58	16.46	17.50	17.06	16.59	16.36
28	16.16	15.95	16.25	16.24	16.50	15.86	15.56	16.37	18.40	17.05	16.53	16.40
29	16.25	15.95	16.28	16.23	------	15.83	15.48	16.28	18.28	16.95	16.48	16.44
30	16.27	15.92	16.26	16.24	------	15.80	15.45	16.39	18.20	16.80	16.42	16.44
31	16.30	------	16.26	16.25	------	15.78	------	16.48	------	16.78	16.38	------
MEAN	16.21	16.29	16.04	16.23	16.26	16.16	15.71	15.66	16.47	17.34	16.80	16.27
MAX	16.64	16.54	16.28	16.27	16.58	16.50	15.88	16.48	18.40	18.52	17.09	16.44
MIN	16.02	15.92	15.90	16.20	16.03	15.78	15.45	14.96	15.84	16.57	16.38	16.11

CAL YR 1973 MEAN 16.05 MAX 17.31 MIN 14.39
WTR YR 1974 MEAN 16.29 MAX 18.52 MIN 14.96

02296222 Little Charley Bowlegs Creek above control near Sebring, Fla.

LOCATION.--Lat 27°28'40", long 81°33'25", in NW quarter sec.31, T.34 S., R.28 E., Highlands County, on right bank 15 ft (5 m) upstream from control structure, 750 ft (230 m) north of county road in Highlands Hammock State Park, 0.8 mile (1.3 km) upstream from unnamed creek, 7.1 miles (11.4 km) southwest of Sebring, and 7.3 miles (11.7 km) upstream from mouth.

DRAINAGE AREA.--41.9 sq mi (108.5 sq km).

PERIOD OF RECORD.--January 1952 to September 1965 (elevations only); October 1965 to current year (gage heights only). Prior to June 1953, records for base gage. Published since October 1962; published as "Auxiliary" October 1962 to September 1967.

GAGE.--Water-stage recorder. Datum of gage is 62.32 ft (18.995 m) above mean sea level.

EXTREMES.--Current year: Maximum gage height, 17.32 ft (5.279 m) June 27; minimum, 14.96 ft (4.560 m) May 14, 15.
Period of record: Maximum gage height, 17.90 ft (5.456 m) Sept. 27, 1960; minimum, 13.12 ft (3.999 m) June 30, 1971.

REMARKS.--Low stages regulated and high stages slightly affected by control structure 15 feet (5 m) downstream.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.48	16.32	15.94	16.25	16.20	16.53	15.75	15.44	15.61	16.94	15.79	15.55
2	15.47	16.39	15.94	16.25	16.19	16.51	15.72	15.40	15.56	16.90	15.79	15.52
3	15.45	16.46	15.93	16.25	16.18	16.50	15.67	15.35	15.52	16.88	15.80	15.49
4	15.44	16.51	15.93	16.25	16.16	16.47	15.63	15.31	15.52	17.16	15.86	15.50
5	15.44	16.53	15.93	16.25	16.15	16.45	15.70	15.27	15.50	17.27	15.93	15.48
6	15.51	16.55	15.93	16.25	16.13	16.43	15.82	15.25	15.47	17.25	15.94	15.50
7	15.88	16.55	15.93	16.25	16.12	16.41	15.79	15.23	15.45	17.16	15.96	15.51
8	15.99	16.55	15.93	16.25	16.11	16.38	15.76	15.21	15.44	17.07	15.94	15.52
9	16.15	16.54	15.94	16.25	16.11	16.36	15.74	15.17	15.42	16.91	15.90	15.54
10	16.20	16.53	15.94	16.25	16.09	16.33	15.72	15.13	15.42	16.73	15.87	15.53
11	16.16	16.51	15.94	16.25	16.09	16.30	15.68	15.09	15.47	16.55	15.87	15.53
12	16.08	16.50	15.94	16.25	16.07	16.27	15.65	15.05	15.67	16.37	16.05	15.51
13	16.02	16.49	15.94	16.24	16.06	16.24	15.61	15.02	15.68	16.24	16.12	15.51
14	15.97	16.48	15.94	16.24	16.05	16.21	15.62	14.98	15.63	16.11	16.05	15.56
15	15.95	16.47	15.95	16.23	16.04	16.18	15.79	15.05	15.60	16.01	16.00	15.60
16	16.03	16.47	15.97	16.22	16.07	16.15	15.83	15.30	15.59	15.93	16.06	15.63
17	16.01	16.48	15.99	16.22	16.15	16.12	15.86	15.51	15.57	15.86	16.10	15.64
18	16.00	16.48	15.99	16.21	16.17	16.10	15.87	15.72	15.55	15.86	16.09	15.63
19	16.01	16.45	15.99	16.20	16.20	16.07	15.85	15.87	15.52	15.84	16.05	15.61
20	16.00	16.05	16.03	16.19	16.43	16.05	15.82	15.94	15.50	15.83	16.00	15.59
21	15.99	15.96	16.14	16.19	16.53	16.03	15.79	15.98	15.48	15.82	15.95	15.58
22	15.99	15.97	16.16	16.19	16.56	16.02	15.76	16.00	15.48	15.82	15.89	15.59
23	15.97	15.97	16.18	16.20	16.58	16.00	15.73	16.02	15.46	15.77	15.85	15.58
24	15.96	15.97	16.20	16.22	16.58	15.99	15.71	16.10	15.57	15.74	15.80	15.57
25	15.97	15.96	16.21	16.22	16.57	15.96	15.67	15.56	15.85	15.79	15.79	15.55
26	16.05	15.94	16.22	16.23	16.56	15.94	15.63	15.65	16.10	15.92	15.77	15.56
27	16.12	15.94	16.22	16.24	16.54	15.92	15.59	15.64	16.69	16.12	15.73	15.63
28	16.17	15.94	16.24	16.24	16.54	15.90	15.56	15.58	17.25	16.09	15.70	15.64
29	16.21	15.94	16.25	16.23	------	15.87	15.52	15.56	17.11	15.99	15.65	15.65
30	16.24	15.94	16.25	16.22	------	15.82	15.48	15.64	17.02	15.89	15.61	15.64
31	16.25	------	16.25	16.21	------	15.78	------	15.65	------	15.84	15.58	------
MEAN	15.94	16.29	16.04	16.23	16.26	16.17	15.71	15.47	15.76	16.31	15.89	15.56
MAX	16.25	16.55	16.25	16.25	16.58	16.53	15.87	16.10	17.25	17.27	16.12	15.65
MIN	15.44	15.94	15.93	16.19	16.04	15.78	15.48	14.98	15.42	15.74	15.58	15.48

CAL YR 1973 MEAN 15.73 MAX 16.55 MIN 14.67
WTR YR 1974 MEAN 15.97 MAX 17.27 MIN 14.98

02296223 Little Charley Bowlegs Creek near Sebring, Fla.

LOCATION.--Lat 27°28'40", long 81°33'25", in NW quarter sec.31, T.34 S., R.28 E., Highlands County, on right bank 160 ft (50 m) downstream from control structure, 900 ft (275 m) north of county road in Highlands Hammock State Park, 0.8 mile (1.3 km) upstream from unnamed creek, 7.1 miles (11.4 km) southwest of Sebring, and 7.3 miles (11.7 km) upstream from mouth.

DRAINAGE AREA.--41.9 sq mi (108.5 sq km).

PERIOD OF RECORD.--January 1952 to current year. Prior to October 1953, published as Little Charlie Bowlegs Creek near Sebring.

GAGE.--Water-stage recorder. Datum of gage is 62.32 ft (18.995 m) above mean sea level. Prior to June 4, 1953, at site 180 ft (55 m) upstream at present datum.

AVERAGE DISCHARGE.--22 years, 39.9 cfs (1.13 cu m/s), 12.93 in/yr (328 mm/yr).

EXTREMES.--Current year: Maximum discharge, 828 cfs (23.4 cu m/s) June 27 (gage height, 17.03 ft, 5.191 m); no flow May 6-15; minimum gage height, 12.83 ft (3.911 m) May 15.
Period of record: Maximum discharge, 874 cfs (24.8 cu m/s) Sept. 27, 1960 (gage height, 17.61 ft, 5.368 m); no flow for many days in some years; creek dry at gage June 15-30, 1971.

REMARKS.--Records fair. Flow affected for short periods by operation of control structure 160 ft (50 m) upstream from station.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	.79	.08	.91	.29	1.4	.12	.07	90	544	110	33
2	20	.75	.09	.78	.27	1.4	.12	.06	71	524	109	26
3	16	.77	.10	.68	.28	1.3	.12	.05	54	521	105	21
4	14	1.3	.09	.62	.27	1.2	.12	.03	46	654	112	22
5	13	2.2	.09	.55	.26	1.2	.21	.01	36	698	132	18
6	7.7	2.9	.10	.52	.26	1.1	.22	0	29	682	134	21
7	3.4	2.5	.11	.53	.25	1.2	.22	0	23	640	139	22
8	21	2.2	.11	.27	.26	1.1	.21	0	18	596	133	25
9	57	1.8	.12	.20	.28	1.0	.22	0	13	537	120	27
10	65	1.5	.12	.20	.26	.97	.19	0	14	469	109	25
11	59	1.3	.12	.21	.23	.98	.16	0	30	397	110	22
12	46	1.2	.12	.20	.19	.90	.15	0	92	334	164	19
13	36	1.1	.12	.22	.18	.86	.14	0	95	291	190	19
14	29	.94	.12	.26	.16	.81	.16	0	82	239	162	27
15	21	.80	.12	.28	.14	.77	.21	0	75	193	145	34
16	19	.71	.13	.27	.20	.74	.20	.01	72	160	161	40
17	16	.62	.12	.27	.22	.59	.17	.26	64	139	174	42
18	14	.58	.12	.25	.20	.26	.12	.46	54	140	175	41
19	15	.87	.12	.27	.30	.21	.11	.64	45	134	166	39
20	14	8.3	.16	.27	.62	.21	.11	.43	35	131	152	35
21	13	6.2	.21	.27	1.5	.18	.09	.51	29	123	137	33
22	11	4.4	.34	.27	2.1	.19	.09	.40	27	112	123	36
23	9.4	3.0	.54	.27	2.3	.20	.09	.40	23	96	112	34
24	8.2	1.9	.56	.29	2.2	.21	.09	29	54	87	98	31
25	5.8	1.5	.63	.31	2.0	.17	.09	72	152	99	88	28
26	2.4	1.1	.72	.31	1.8	.15	.09	101	230	135	78	30
27	2.3	.38	.77	.31	1.6	.13	.09	99	521	216	70	44
28	1.9	.08	.80	.31	1.5	.13	.08	82	712	213	62	46
29	1.6	.07	.80	.31	------	.14	.08	74	616	170	55	50
30	1.2	.07	.80	.31	------	.14	.08	98	582	139	48	49
31	.79	------	.81	.30	------	.13	------	102	------	124	40	------
TOTAL	566.69	51.83	9.24	11.02	20.12	19.97	4.15	660.33	3,984	9,537	3,713	939
MEAN	18.3	1.73	.30	.36	.72	.64	.14	21.3	133	308	120	31.3
MAX	65	8.3	.81	.91	2.3	1.4	.22	102	712	698	190	50
MIN	.79	.07	.08	.20	.14	.13	.08	0	13	87	40	18
CFSM	.44	.04	.007	.009	.02	.02	.003	.51	3.17	7.35	2.86	.75
IN.	.50	.05	.008	.009	.02	.02	.003	.59	3.54	8.47	3.30	.83

CAL YR 1973 TOTAL 6,843.87 MEAN 18.8 MAX 235 MIN 0 CFSM .45 IN 6.08
WTR YR 1974 TOTAL 19,516.35 MEAN 53.5 MAX 712 MIN 0 CFSM 1.28 IN 17.33

10D PEACE RIVER BASIN

02296223 Little Charley Bowlegs Creek near Sebring, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.85	13.84	13.61	13.86	13.76	13.94	13.62	13.56	15.23	16.53	15.42	14.88
2	14.79	13.83	13.62	13.83	13.75	13.93	13.62	13.54	15.11	16.49	15.42	14.79
3	14.72	13.83	13.63	13.81	13.76	13.91	13.61	13.51	14.99	16.48	15.40	14.72
4	14.67	13.91	13.63	13.80	13.75	13.89	13.61	13.47	14.92	16.74	15.43	14.73
5	14.65	14.01	13.63	13.79	13.75	13.89	13.67	13.41	14.83	16.81	15.51	14.68
6	14.42	14.06	13.64	13.79	13.75	13.89	13.68	13.35	14.74	16.79	15.52	14.72
7	14.22	14.03	13.65	13.79	13.74	13.89	13.68	13.31	14.66	16.71	15.54	14.74
8	14.71	14.01	13.65	13.75	13.75	13.88	13.67	13.26	14.56	16.62	15.51	14.78
9	15.24	13.97	13.66	13.72	13.76	13.87	13.68	13.20	14.46	16.49	15.46	14.81
10	15.30	13.94	13.66	13.72	13.75	13.86	13.66	13.13	14.47	16.35	15.41	14.77
11	15.26	13.91	13.66	13.72	13.73	13.87	13.65	13.07	14.76	16.18	15.42	14.73
12	15.14	13.90	13.66	13.72	13.71	13.85	13.65	13.00	15.24	16.03	15.62	14.69
13	15.03	13.88	13.66	13.73	13.71	13.85	13.64	12.93	15.27	15.91	15.70	14.68
14	14.93	13.86	13.66	13.75	13.70	13.84	13.65	12.87	15.18	15.80	15.62	14.81
15	14.79	13.84	13.66	13.76	13.69	13.83	13.68	12.93	15.13	15.70	15.56	14.88
16	14.76	13.82	13.67	13.75	13.72	13.83	13.67	13.29	15.11	15.61	15.62	14.95
17	14.69	13.80	13.67	13.75	13.73	13.79	13.66	13.63	15.06	15.54	15.66	14.97
18	14.64	13.79	13.67	13.74	13.72	13.70	13.62	13.69	14.99	15.54	15.66	14.96
19	14.67	13.85	13.67	13.75	13.75	13.67	13.61	13.73	14.91	15.52	15.63	14.94
20	14.64	14.35	13.70	13.75	13.84	13.67	13.60	13.72	14.82	15.50	15.59	14.90
21	14.59	14.26	13.73	13.75	13.95	13.66	13.58	13.70	14.75	15.47	15.53	14.88
22	14.53	14.16	13.76	13.75	14.09	13.66	13.58	13.66	14.72	15.43	15.47	14.91
23	14.47	14.07	13.79	13.75	14.11	13.67	13.58	13.66	14.66	15.35	15.43	14.89
24	14.40	13.98	13.80	13.76	14.10	13.67	13.58	14.01	14.96	15.30	15.36	14.86
25	14.25	13.94	13.80	13.77	14.07	13.66	13.58	15.11	15.50	15.37	15.31	14.82
26	14.04	13.88	13.82	13.77	14.01	13.64	13.58	15.30	15.78	15.52	15.25	14.84
27	14.02	13.76	13.83	13.77	13.97	13.63	13.57	15.29	16.43	15.75	15.20	14.99
28	13.97	13.62	13.84	13.77	13.95	13.63	13.57	15.18	16.84	15.75	15.14	15.01
29	13.95	13.60	13.84	13.77	------	13.63	13.56	15.13	16.67	15.64	15.09	15.05
30	13.90	13.61	13.84	13.77	------	13.64	13.56	15.29	16.60	15.54	15.02	15.03
31	13.84	------	13.84	13.76	------	13.63	------	15.31	------	15.48	14.95	------
MEAN	14.58	13.91	13.71	13.76	13.82	13.77	13.62	13.81	15.18	15.93	15.43	14.85
MAX	15.30	14.35	13.84	13.86	14.11	13.94	13.68	15.31	16.84	16.81	15.70	15.05
MIN	13.84	13.60	13.61	13.72	13.69	13.63	13.56	12.87	14.46	15.30	14.95	14.68

CAL YR 1973 MEAN 14.30 MAX 15.96 MIN 12.44
WTR YR 1974 MEAN 14.37 MAX 16.84 MIN 12.87

02296500 Charlie Creek near Gardner, Fla.

LOCATION.--Lat 27°22'29", long 81°47'48", in SE quarter sec.3, T.36 S., R.25 E., Hardee County, near center of span on downstream side of bridge on U. S. Highway 17, 1.6 miles (2.6 km) north of Gardner, and 4.9 miles (7.9 km) upstream from mouth.

DRAINAGE AREA.--330 sq mi (855 sq km).

PERIOD OF RECORD.--April 1950 to current year. Prior to October 1957, published as Charlie Apopka Creek near Gardner.

GAGE.--Water-stage recorder. Datum of gage is 21.66 ft (6.602 m) above mean sea level.

AVERAGE DISCHARGE.--24 years, 303 cfs (8.58 cu m/s), 12.47 in/yr (317 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,770 cfs (163 cu m/s) July 7 (gage height, 17.41 ft, 5.307 m); minimum, 0.62 cfs (0.018 cu m/s) May 6 (gage height, 2.15 ft, 0.655 m).
Period of record: Maximum discharge, 8,160 cfs (231 cu m/s) Aug. 1, 1960 (gage height, 18.77 ft, 5.721 m); minimum, 0.21 cfs (0.006 cu m/s) June 1, 1967; minimum gage height, 2.14 ft (0.652 m) Apr. 19, May 24, 1971.
Maximum stage known, 24.2 ft (7.376 m) in 1928, from information by local resident.

REMARKS.--Records good.

REVISIONS.--WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	526	38	11	12	6.2	14	1.4	.80	5.4	4,500	836	280
2	461	43	12	12	5.8	14	1.4	.84	11	4,380	816	241
3	402	43	12	11	5.4	13	1.3	.76	11	4,090	846	204
4	354	40	12	12	5.1	9.1	1.3	.80	17	4,070	850	325
5	317	36	11	12	4.5	7.5	2.5	.73	37	4,250	879	466
6	277	32	10	12	4.4	7.0	2.5	.64	90	4,260	991	449
7	239	29	9.2	12	4.3	6.7	1.8	.75	94	5,440	1,080	446
8	218	27	9.6	12	4.9	6.1	1.7	.88	81	5,040	1,200	349
9	230	24	11	12	5.8	14	1.6	.79	63	4,810	1,120	366
10	224	22	11	11	5.7	18	1.1	1.1	49	4,350	987	366
11	229	20	10	11	5.0	8.3	1.3	.91	65	3,830	882	336
12	234	18	9.2	9.9	4.4	6.8	1.2	.87	84	3,340	1,360	302
13	235	17	9.6	9.3	4.7	6.7	1.2	1.0	78	2,860	1,550	269
14	230	16	10	8.9	5.0	5.8	1.5	1.5	92	2,310	1,530	296
15	218	15	10	8.8	4.6	5.5	2.8	2.5	94	1,800	1,530	421
16	202	15	10	8.7	5.6	5.2	3.2	2.1	102	1,380	1,460	500
17	180	15	9.2	8.7	9.7	5.1	2.1	2.7	123	1,060	1,240	405
18	155	16	9.2	8.6	9.3	4.7	1.9	6.9	117	864	1,150	345
19	133	16	9.6	8.8	8.6	4.2	2.0	9.2	98	736	1,190	299
20	117	15	11	8.8	34	4.0	1.7	9.4	81	628	1,160	264
21	103	14	16	8.7	61	4.0	1.6	6.5	73	529	1,070	236
22	92	14	20	8.3	41	3.7	1.3	4.7	66	447	916	212
23	84	14	16	7.7	31	3.4	1.3	4.2	63	392	889	196
24	76	13	14	8.0	27	3.7	1.3	3.5	66	349	799	174
25	68	13	13	8.0	23	3.1	1.2	3.1	112	328	713	154
26	61	13	13	8.2	20	2.0	1.0	2.8	319	333	653	137
27	56	13	13	7.7	17	2.0	.99	3.1	713	601	590	123
28	50	12	13	7.1	15	1.8	.92	2.9	1,990	1,190	522	111
29	45	12	13	6.8	------	1.6	.90	2.5	2,950	787	453	104
30	42	11	13	6.6	------	1.6	.94	1.9	4,030	764	386	100
31	37	------	12	6.4	------	1.5	------	1.6	------	805	326	------
TOTAL	5,895	626	362.6	293.0	378.0	194.1	46.95	81.97	11,774.4	70,523	29,974	8,476
MEAN	190	20.9	11.7	9.45	13.5	6.26	1.57	2.64	392	2,275	967	283
MAX	526	43	20	12	61	18	3.2	9.4	4,030	5,440	1,550	500
MIN	37	11	9.2	6.4	4.3	1.5	.90	.64	5.4	328	326	100
CFSM	.58	.06	.04	.03	.04	.02	.005	.008	1.19	6.89	2.93	.86
IN.	.66	.07	.04	.03	.04	.02	.005	.009	1.33	7.95	3.38	.96

CAL YR 1973 TOTAL 75,529.20 MEAN 207 MAX 1,440 MIN 5.1 CFSM .63 IN 8.51
WTR YR 1974 TOTAL 128,625.02 MEAN 352 MAX 5,440 MIN .64 CFSM 1.07 IN 14.50

02296750 Peace River at Arcadia, Fla.

LOCATION.--Lat 27°13'19", long 81°52'34", in SE quarter sec.26, T.37 S., R.24 E., De Soto County, on left bank 500 ft (150 m) upstream from bridge on State Highway 70, 1.0 mile (1.6 km) west of post office in Arcadia, 6.1 miles (9.8 km) upstream from Joshua Creek, and 36 miles (8 km) upstream from mouth.

DRAINAGE AREA.--1,367 sq mi (3541 sq km).

PERIOD OF RECORD.--April 1931 to current year. Prior to October 1950, published as Peace Creek at Arcadia.

GAGE.--Water-stage recorder. Datum of gage is 6.00 ft (1.829 m) above mean sea level. Prior to July 19, 1931, nonrecording gage and July 19, 1931 to Sept. 30, 1963, water-stage recorder at present site at datum 2.25 ft (0.686 m) higher; Mar. 20, 1964 to July 11, 1967, nonrecording gage at present site at datum 6.00 ft (1.829 m) lower.

AVERAGE DISCHARGE.--43 years, 1,212 cfs (34.3 cu m/s), 12.04 in/yr (306 mm/yr).

EXTREMES.--Current year: Maximum discharge, 11,800 cfs (334 cu m/s) July 8 (gage height, 15.92 ft, 4.852 m); minimum 56 cfs (1.59 cu m/s) Apr. 29, 30, May 1 (gage height, 1.07 ft, 0.326 m).

Period of record: Maximum discharge, 36,200 cfs (1,030 cu m/s) Sept. 9, 1933 (gage height, 19.92 ft, 6.072 m, present datum); minimum, 37 cfs (1.05 cu m/s) May 28, 1949; minimum gage height, that of Apr. 29, 30, May 1, 1974.

Maximum stage known, 20.6 ft (6.28 m), present datum, in 1912, from information by county engineer; discharge, 43,000 cfs (1,200 cu m/s), from rating curve extended above 30,000 cfs (850 cu m/s).

REMARKS.--Records good. Records of chemical analyses and water temperatures for the water year 1974 published in Part 2 of this report.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,870	290	236	267	185	197	111	62	125	7,040	3,160	957
2	1,490	320	219	239	183	202	105	71	143	7,520	3,090	864
3	1,250	413	195	239	183	189	94	83	130	7,920	2,940	819
4	1,120	380	207	249	177	173	94	79	161	8,720	2,800	1,420
5	1,040	314	197	256	177	169	92	93	201	9,740	3,100	1,620
6	958	294	177	237	186	156	89	79	199	10,400	3,430	1,840
7	866	273	190	241	181	142	123	69	224	11,500	3,390	1,930
8	810	274	228	255	172	142	127	105	214	11,700	3,430	1,850
9	962	269	233	270	188	164	126	120	177	11,600	3,480	1,860
10	1,180	268	234	261	197	183	113	129	232	10,900	3,270	1,750
11	1,160	263	218	243	185	149	111	115	296	10,000	2,910	1,750
12	962	237	198	263	183	136	116	98	309	8,970	3,250	1,630
13	866	212	198	264	192	138	100	102	372	7,850	4,010	1,400
14	807	212	196	242	179	143	88	98	337	6,570	4,640	1,390
15	737	222	215	233	186	132	100	139	317	5,230	4,860	1,830
16	670	229	250	238	188	136	108	140	323	3,730	4,730	2,090
17	608	232	261	240	198	136	98	125	305	2,570	4,090	2,060
18	575	217	311	224	256	129	107	156	337	1,930	3,310	1,790
19	524	208	326	226	251	138	107	160	319	1,880	2,940	1,480
20	488	206	316	213	289	126	99	154	247	1,690	2,950	1,270
21	440	210	303	194	316	114	97	146	201	1,390	3,300	1,120
22	416	211	296	200	296	111	86	124	192	1,170	3,330	987
23	368	201	288	202	278	119	77	124	176	1,310	2,870	881
24	350	195	272	207	245	132	84	109	227	1,370	2,480	803
25	342	200	260	218	209	123	86	108	393	1,150	2,190	749
26	315	211	256	253	195	116	83	98	690	1,070	1,870	707
27	312	195	254	241	196	113	76	113	1,810	1,280	1,690	670
28	310	197	249	191	194	116	68	123	4,420	2,440	1,490	662
29	288	202	250	193	------	126	59	110	5,560	3,070	1,330	624
30	278	185	290	207	------	118	57	99	6,510	3,140	1,200	582
31	278	------	287	192	------	117	------	108	------	3,110	1,060	------
TOTAL	22,640	7,340	7,610	7,198	5,865	4,385	2,881	3,439	25,147	167,960	92,590	39,385
MEAN	730	245	245	232	209	141	96.0	111	838	5,418	2,987	1,313
MAX	1,870	413	326	270	316	202	127	160	6,510	11,700	4,860	2,090
MIN	278	185	177	191	172	111	57	62	125	1,070	1,060	582
CFSM	.53	.18	.18	.17	.15	.10	.07	.08	.61	3.96	2.19	.96
IN.	.62	.20	.21	.20	.16	.12	.08	.09	.68	4.57	2.52	1.07

CAL YR 1973 TOTAL 374,894 MEAN 1,027 MAX 4,860 MIN 146 CFSM .75 IN 10.20
WTR YR 1974 TOTAL 386,440 MEAN 1,059 MAX 11,700 MIN 57 CFSM .77 IN 10.52

02296750 Peace River at Arcadia, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.48	2.26	2.02	2.13	1.79	1.86	1.43	1.11	1.50	13.37	8.94	4.35
2	5.68	2.38	1.95	2.02	1.78	1.88	1.40	1.18	1.60	13.70	8.81	4.07
3	5.15	2.71	1.86	2.02	1.79	1.82	1.33	1.25	1.53	13.95	8.57	3.92
4	4.85	2.60	1.91	2.06	1.76	1.75	1.33	1.23	1.69	14.43	8.34	5.62
5	4.64	2.38	1.86	2.08	1.77	1.72	1.32	1.32	1.89	14.97	8.84	6.11
6	4.43	2.28	1.77	2.01	1.81	1.66	1.30	1.23	1.87	15.27	9.38	6.58
7	4.19	2.19	1.83	2.02	1.78	1.59	1.49	1.16	1.99	15.80	9.32	6.77
8	4.02	2.19	1.99	2.08	1.74	1.59	1.51	1.39	1.94	15.87	9.38	6.60
9	4.40	2.18	2.01	2.14	1.82	1.70	1.51	1.48	1.77	15.84	9.46	6.63
10	4.91	2.17	2.01	2.10	1.86	1.79	1.44	1.53	2.01	15.55	9.11	6.39
11	4.86	2.15	1.95	2.03	1.80	1.62	1.43	1.45	2.31	15.10	8.51	6.39
12	4.38	2.05	1.87	2.11	1.79	1.56	1.46	1.35	2.36	14.58	9.08	6.12
13	4.13	1.95	1.87	2.12	1.83	1.57	1.36	1.38	2.61	13.91	10.19	5.56
14	3.95	1.94	1.86	2.03	1.77	1.59	1.29	1.35	2.47	12.96	10.95	5.55
15	3.74	1.98	1.94	1.99	1.81	1.54	1.36	1.57	2.39	11.60	11.20	6.55
16	3.54	2.01	2.07	2.01	1.82	1.56	1.41	1.58	2.41	9.79	11.05	7.09
17	3.35	2.02	2.11	2.02	1.86	1.56	1.36	1.51	2.34	7.96	10.28	7.02
18	3.25	1.96	2.31	1.96	2.09	1.53	1.41	1.66	2.47	6.77	9.17	6.47
19	3.08	1.92	2.37	1.96	2.08	1.57	1.41	1.68	2.40	6.67	8.57	5.77
20	2.96	1.91	2.33	1.91	2.23	1.51	1.36	1.65	2.10	6.24	8.59	5.26
21	2.80	1.93	2.28	1.83	2.33	1.45	1.35	1.61	1.88	5.57	9.15	4.86
22	2.72	1.93	2.25	1.86	2.25	1.43	1.27	1.50	1.84	5.03	9.20	4.49
23	2.56	1.90	2.22	1.87	2.18	1.47	1.22	1.50	1.76	5.38	8.45	4.17
24	2.50	1.87	2.16	1.89	2.05	1.54	1.26	1.41	2.00	5.53	7.80	3.94
25	2.47	1.89	2.11	1.93	1.91	1.50	1.27	1.41	2.68	4.96	7.27	3.77
26	2.36	1.94	2.09	2.07	1.85	1.46	1.26	1.35	3.66	4.74	6.66	3.64
27	2.35	1.87	2.09	2.02	1.85	1.44	1.21	1.44	6.27	5.28	6.27	3.52
28	2.34	1.88	2.07	1.82	1.84	1.46	1.16	1.49	10.68	7.71	5.79	3.49
29	2.25	1.90	2.07	1.83	------	1.51	1.09	1.42	11.97	8.78	5.38	3.35
30	2.21	1.81	2.23	1.89	------	1.47	1.07	1.35	12.91	8.90	5.04	3.21
31	2.21	------	2.22	1.83	------	1.46	------	1.41	------	8.85	4.66	------
MEAN	3.64	2.07	2.05	1.99	1.90	1.59	1.34	1.42	3.24	10.49	8.50	5.24
MAX	6.48	2.71	2.37	2.14	2.33	1.88	1.51	1.68	12.91	15.87	11.20	7.09
MIN	2.21	1.81	1.77	1.82	1.74	1.43	1.07	1.11	1.50	4.74	4.66	3.21

CAL YR 1973 MEAN 4.10 MAX 10.78 MIN 1.74
WTR YR 1974 MEAN 3.64 MAX 15.87 MIN 1.07

02297100 Joshua Creek at Nocatee, Fla.

LOCATION.--Lat 27°09'59", long 81°52'47", in SE quarter sec.14, T.38 S., R.24 E., De Soto County, near center of span on downstream side of bridge on U. S. Highway 17, 0.5 mile (0.8 km) north of Nocatee, and 2.2 mile (3.5 km) upstream from mouth.

DRAINAGE AREA.--132 sq mi (342 sq km).

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.94 ft (1.201 m) above mean sea level.

AVERAGE DISCHARGE.--24 years, 113 cfs (3.20 cu m/s), 11.63 in/yr (295 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,100 cfs (87.8 cu m/s) July 7 (gage height, 16.59 ft, 5.057 m); minimum discharge, 1.1 cfs (0.031 cu m/s) May 3, 4, 5 (gage height, 3.68 ft, 1.122 m).
Period of record: Maximum discharge, 8,670 cfs (246 cu m/s) Oct. 10, 1953; maximum gage height, 19.05 ft (5.806 m) Sept. 22, 1962; no flow Nov. 18-20, 22-24, 1953, May 3-12, 14, 15, 1959; minimum gage height, 3.58 ft (1.091 m) May 5, 10, 11, 1971.
Flood of September 1948 reached a stage of 17.7 ft (5.40 m), from information by local residents.

REMARKS.--Records fair.

REVISIONS (WATER YEARS).--WSP 1334: 1952(M). WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	98	15	4.8	12	5.8	6.7	2.7	1.2	5.7	1,690	198	69
2	76	16	4.8	11	6.0	5.9	2.4	1.2	13	1,240	194	60
3	62	15	5.1	10	6.7	5.7	2.3	1.1	12	1,080	303	125
4	49	13	5.2	9.2	7.0	5.5	2.1	1.1	7.3	1,140	322	862
5	41	13	5.0	8.8	6.6	6.2	2.4	1.2	9.0	2,400	507	458
6	36	12	5.5	8.7	5.6	6.4	2.5	1.4	6.8	2,390	748	461
7	33	12	6.3	9.2	5.6	6.6	2.2	1.5	16	2,880	612	394
8	33	10	6.2	9.3	5.1	6.6	2.0	2.1	12	2,290	452	480
9	129	9.3	6.5	9.3	5.6	6.4	2.3	2.1	7.8	1,430	318	890
10	207	8.7	6.2	9.1	5.8	6.2	2.9	2.2	6.1	873	224	674
11	166	8.8	6.2	8.9	5.5	6.7	3.6	2.3	48	477	224	357
12	119	9.2	6.5	9.1	6.6	5.7	3.6	2.2	69	317	802	227
13	84	8.3	7.1	9.9	7.8	5.2	3.0	2.5	68	436	809	154
14	62	8.6	5.6	9.6	7.7	4.4	2.4	2.5	47	437	663	113
15	48	8.1	5.7	8.9	7.7	4.2	2.2	2.0	104	326	513	96
16	39	8.6	6.5	7.9	9.6	11	2.2	2.0	122	246	397	89
17	33	9.3	8.4	7.4	13	6.8	2.6	2.3	97	149	310	121
18	28	8.9	7.4	7.6	11	5.2	2.6	2.5	65	110	263	124
19	26	8.7	7.5	7.4	9.2	4.6	1.7	2.7	38	116	206	98
20	24	8.5	10	7.6	24	4.3	1.4	2.1	25	102	216	85
21	22	7.5	28	7.3	15	3.9	1.4	2.0	18	74	334	68
22	21	7.1	21	7.7	11	3.5	2.3	1.9	12	61	315	56
23	18	6.6	18	8.0	8.4	3.5	2.2	2.1	9.6	350	379	48
24	17	6.8	17	6.6	6.9	3.5	1.9	2.3	40	211	335	60
25	16	7.8	17	6.2	6.1	3.5	2.5	2.5	268	119	260	74
26	15	6.8	18	6.0	5.4	3.6	2.0	2.5	480	88	268	72
27	14	6.1	17	6.2	5.3	3.0	1.7	2.0	637	73	234	59
28	14	5.9	17	6.3	6.3	3.0	1.5	1.6	1,970	72	194	45
29	14	5.4	16	6.4	------	3.3	1.4	1.4	2,050	109	150	36
30	13	4.8	14	6.0	------	3.0	1.3	2.2	1,790	188	125	30
31	12	------	13	5.7	------	2.8	------	3.2	------	189	91	------
TOTAL	1,569	275.8	322.5	253.3	226.3	156.9	67.3	61.9	8,053.3	21,663	10,966	6,485
MEAN	50.6	9.19	10.4	8.17	8.08	5.06	2.24	2.00	268	699	354	216
MAX	207	16	28	12	24	11	3.6	3.2	2,050	2,880	809	890
MIN	12	4.8	4.8	5.7	5.1	2.8	1.3	1.1	5.7	61	91	30
CFSM	.38	.07	.08	.06	.06	.04	.02	.02	2.03	5.30	2.68	1.64
IN.	.44	.08	.09	.07	.06	.04	.02	.02	2.27	6.11	3.09	1.83

CAL YR 1973 TOTAL 32,275.4 MEAN 88.4 MAX 883 MIN 1.7 CFSM .67 IN 9.10
WTR YR 1974 TOTAL 50,100.3 MEAN 137 MAX 2,880 MIN 1.1 CFSM 1.04 IN 14.12

PEAK DISCHARGE (BASE, 1,000 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-29	0100	15.75	2,310	9-04	0400	12.35	1,050
7-07	0900	16.59	3,100	9-09	1700	12.20	1,010

02297310 Horse Creek near Arcadia, Fla.

LOCATION.--Lat 27°11'57", long 81°59'19", in NW quarter sec.2, T.38 S., R.23 E., De Soto County, near center of span on downstream side of bridge on State Highway 72, 7.9 miles (12.7 km) west of Arcadia, and 10 miles (16 km) upstream from mouth.

DRAINAGE AREA.--218 sq mi (565 sq km).

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 10.96 ft (3.341 m) above mean sea level (Florida Department of Transportation bench mark).

AVERAGE DISCHARGE.--24 years, 215 cfs (6.09 cu m/s), 13.39 in/yr (340 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,910 cfs (111 cu m/s) July 7 (gage height, 15.37 ft, 4.685 m); minimum, 0.02 cfs (0.001 cu m/s) May 13 (gage height, 0.86 ft, 0.262 m).
Period of record: Maximum discharge, 11,700 cfs (331 cu m/s) Aug. 1, 1960 (gage height, 17.94 ft, 5.468 m); no flow June 7-9, 15, 25-30, July 2, Aug. 7, 1956, Feb. 16-18, 1957; minimum gage height, that of May 13, 1974.
Maximum stage known since at least 1948, that of Aug. 1, 1960.

REMARKS.--Records good.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	209	12	3.2	4.9	1.9	4.5	.34	.09	.27	1,760	541	108
2	234	11	3.2	4.7	1.9	4.1	.34	.06	1.1	1,430	527	91
3	247	11	3.2	4.5	2.6	3.5	.27	.17	.67	1,340	539	78
4	239	10	3.0	4.3	2.5	3.2	.27	.13	.84	1,730	584	92
5	214	9.5	3.0	4.3	2.5	2.8	.38	.05	1.7	1,990	572	196
6	181	8.8	3.2	4.3	2.3	2.5	.59	.05	.84	2,730	700	325
7	148	7.8	3.9	4.3	2.3	2.2	.51	.05	.94	3,630	878	404
8	122	7.3	4.1	4.1	2.2	2.0	.38	.05	.75	2,320	712	408
9	117	6.9	4.5	3.9	2.3	2.0	.67	.05	.59	1,700	588	370
10	100	6.9	4.7	3.7	2.5	2.2	.51	.05	.75	1,210	740	315
11	81	5.7	4.5	3.5	2.5	1.2	.51	.05	1.9	929	811	268
12	67	5.3	4.3	3.3	2.6	1.3	.59	.05	1.1	747	1,910	232
13	55	5.1	4.1	3.3	2.8	1.2	.75	.05	.75	679	2,270	195
14	46	5.5	4.1	3.0	3.0	.94	.75	.13	.59	531	1,740	159
15	40	4.9	4.5	2.8	2.8	.94	.34	1.1	1.2	399	1,270	156
16	34	5.1	4.9	2.8	3.9	.94	.22	.94	2.5	307	1,180	165
17	30	5.5	6.3	2.8	4.5	.84	.22	1.4	2.2	254	1,020	156
18	25	5.5	8.0	2.8	4.1	.75	.22	.84	1.3	206	902	128
19	23	5.5	7.5	2.8	8.0	.67	.34	2.8	1.1	191	815	100
20	21	5.7	6.9	2.6	20	.75	.94	1.7	.84	160	751	83
21	19	5.5	7.5	3.0	16	1.2	.59	1.1	.67	127	633	86
22	18	5.3	7.1	2.6	12	1.1	.34	.67	.59	106	480	70
23	17	4.9	7.1	2.6	10	1.2	.27	.59	.67	195	471	57
24	17	4.7	6.7	2.5	8.5	1.3	.22	.59	6.3	511	479	47
25	16	4.5	6.5	2.5	7.1	.84	.17	.51	52	481	422	40
26	16	4.1	6.1	2.5	6.1	.75	.17	.34	99	229	389	36
27	15	3.9	6.1	2.2	5.1	.67	.27	.17	740	155	396	32
28	14	3.7	5.9	2.0	4.7	.67	.09	.13	3,120	125	287	28
29	14	3.5	5.7	1.9	------	.59	.09	.06	2,510	196	209	27
30	13	3.3	5.3	1.9	------	.59	.09	.05	1,960	278	162	26
31	13	------	5.1	1.9	------	.45	------	.05	------	323	130	------
TOTAL	2,405	188.4	160.2	98.3	146.7	47.89	11.44	14.07	8,511.16	26,969	23,108	4,478
MEAN	77.6	6.28	5.17	3.17	5.24	1.54	.38	.45	284	870	745	149
MAX	247	12	8.0	4.9	20	4.5	.94	2.8	3,120	3,630	2,270	408
MIN	13	3.3	3.0	1.9	1.9	.45	.09	.05	.27	106	130	26
CFSM	.36	.03	.02	.01	.02	.007	.002	.002	1.30	3.99	3.42	.68
IN.	.41	.03	.03	.02	.03	.008	.001	.002	1.45	4.60	3.94	.76

CAL YR 1973 TOTAL 58,861.80 MEAN 161 MAX 1,410 MIN 2.6 CFSM .74 IN 10.04
WTR YR 1974 TOTAL 66,138.16 MEAN 181 MAX 3,630 MIN .05 CFSM .83 IN 11.29

PEAK DISCHARGE (BASE, 1,500 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-28	1500	15.05	3,450	8-13	0700	13.65	2,190
7-07	0500	15.37	3,910				

02297733 Mossy Gully Tributary at State Highway 70 near Arcadia, Fla.

LOCATION.--Lat 27°12'31", long 81°40'41", in NE quarter sec.2, T.38 S., R.26 E., De Soto County, near center of span on downstream side of box culverts on State Highway 70, 9.5 miles (15.3 km) east of State Highway 31, and 11.2 miles (18.0 km) east of Arcadia.

DRAINAGE AREA.--6.64 sq mi (17.2 sq km), revised.

PERIOD OF RECORD.--October 1972 to current year (gage heights and discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage has not been determined.

EXTREMES.--Current year: Maximum gage height, 17.81 ft (5.428 m) June 28; minimum, 10.66 ft (3.249 m) July 27.
Period of record: Maximum discharge measured, 489 cfs (13.8 cu m/s) June 28, 1974; maximum gage height, that of June 28, 1974; minimum discharge measured, 5.2 cfs (0.147 cu m/s) May 16, 1973; minimum gage height, that of July 27, 1974.

REMARKS.--Water level affected by pumpage from Tropical River Groves, just upstream from gage.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 8	55	June 19	26
Jan. 8	18	June 28	489
Mar. 1	21	July 2	249
May 1	11		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.15	12.58	12.17	11.78	12.80	12.77	12.64	12.92	14.70	16.08	11.58	11.08
2	12.98	12.61	12.10	11.74	12.80	12.77	12.56	12.82	14.57	15.72	12.41	11.00
3	12.72	12.50	12.00	11.68	12.79	12.89	12.63	12.81	14.48	15.12	12.52	11.31
4	12.30	12.32	11.95	11.64	12.78	12.93	12.68	12.82	14.48	15.77	12.18	13.31
5	12.17	12.17	12.10	11.79	12.77	12.94	12.79	12.77	14.18	15.46	12.60	12.46
6	12.26	12.19	12.29	12.00	12.76	12.96	12.91	12.62	14.32	16.18	13.88	13.15
7	12.42	12.31	12.24	12.13	12.73	12.92	12.96	12.53	14.32	16.62	13.04	12.79
8	12.26	12.41	12.26	12.17	12.70	12.87	12.96	12.61	13.81	16.97	12.32	12.95
9	12.33	12.45	12.31	12.19	12.52	12.84	13.08	12.71	13.38	16.34	11.88	12.96
10	12.34	12.44	12.46	12.20	12.51	12.79	13.15	12.70	13.06	15.09	11.56	12.44
11	12.36	12.43	12.49	12.22	12.61	12.82	13.15	12.72	13.74	13.51	11.64	12.07
12	12.32	12.42	12.41	12.25	12.71	12.67	13.15	12.74	14.04	12.78	13.61	11.80
13	12.16	12.42	12.28	12.27	12.79	12.57	13.17	12.79	14.72	12.87	13.88	11.64
14	12.45	12.40	12.24	12.28	12.86	12.63	13.22	12.75	13.76	12.51	12.84	13.08
15	12.26	12.41	12.29	12.20	12.82	12.66	13.20	12.75	13.34	11.90	12.44	14.81
16	12.59	12.35	12.31	12.20	12.85	12.79	13.18	12.71	13.01	11.53	14.24	13.14
17	12.70	12.36	12.44	12.31	13.08	12.83	13.14	12.79	12.79	11.27	13.89	12.46
18	12.50	12.42	12.28	12.28	13.16	12.78	13.15	12.78	12.58	11.12	13.83	12.18
19	12.68	12.49	12.17	12.30	13.01	12.75	13.14	12.88	12.45	11.09	13.60	11.94
20	12.51	12.37	12.27	12.34	13.04	12.73	13.12	12.94	12.32	11.08	12.57	11.73
21	12.47	12.25	12.69	12.36	13.08	12.71	13.07	12.99	12.20	10.90	12.24	11.58
22	12.34	12.25	12.63	12.37	13.02	12.66	13.07	12.98	12.14	10.78	15.06	11.67
23	12.27	12.34	12.60	12.34	12.92	12.57	13.07	13.20	12.05	10.76	14.08	11.56
24	12.39	12.41	12.45	12.46	12.85	12.59	13.12	13.19	12.48	10.73	13.21	11.43
25	12.55	12.41	12.23	12.49	12.79	12.69	13.18	13.04	15.12	10.70	12.49	11.36
26	12.64	12.39	12.17	12.53	12.73	12.79	13.11	12.94	15.88	10.67	11.99	11.28
27	12.65	12.35	12.08	12.60	12.82	12.78	13.03	12.80	16.50	10.68	11.72	11.24
28	12.68	12.33	11.94	12.66	12.78	12.72	12.95	12.82	17.73	10.83	11.55	11.25
29	12.72	12.31	11.95	12.73	------	12.92	12.85	12.27	17.34	11.03	11.44	11.20
30	12.28	12.26	11.86	12.78	------	12.89	12.84	14.09	16.83	11.52	11.28	11.13
31	12.50	------	11.83	12.79	------	12.79	------	15.30	------	11.46	11.16	------
MEAN	12.48	12.38	12.24	12.26	12.82	12.77	13.01	12.93	14.08	12.87	12.67	12.07
MAX	13.15	12.61	12.68	12.79	13.16	12.96	13.22	15.30	17.73	16.97	15.06	14.81
MIN	12.16	12.17	11.83	11.64	12.51	12.57	12.56	12.27	12.05	10.67	11.16	11.00

CAL YR 1973 MEAN 12.41 MAX 15.79 MIN 11.12
WTR YR 1974 MEAN 12.71 MAX 17.73 MIN 10.67

02297875 Cow Slough near Arcadia, Fla.

LOCATION.--Lat 27°12'32", long 81°34'33", in NW quarter sec.1, T.38 S., R.27 E., De Soto County, near center of span on downstream side of box culverts on State Highway 70, 0.8 mile (1.3 km) west of Highlands County line, and 18 miles (29 km) east of Arcadia.

DRAINAGE AREA.--14.4 sq mi (37.3 sq km), revised.

PERIOD OF RECORD.--October 1972 to current year (gage heights and periodic discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage has not been determined.

EXTREMES.--Current year: Maximum gage height, 6.96 ft (2.121 m) June 28; minimum, 1.19 ft (0.363 m) Sept. 30.
Period of record: Maximum discharge measured, 426 cfs (12.1 cu m/s) June 28, 1974; maximum gage height, that of June 28, 1974; minimum discharge measured, 2.8 cfs (0.079 cu m/s) May 16, 1973; minimum gage height, 1.17 ft (0.357 m) May 31, 1973.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 8	14	June 19	24
Jan. 8	4.0	June 28	426
Mar. 1	8.0	July 2	212
May 1	4.8		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.58	1.81	1.88	1.76	2.27	2.05	1.92	2.03	3.39	5.79	2.40	1.58
2	2.46	1.83	1.90	1.75	2.47	2.02	1.87	2.34	4.03	5.62	3.51	1.47
3	2.34	1.84	1.98	1.75	2.35	1.98	1.94	2.32	4.37	5.25	3.73	1.39
4	2.18	1.85	1.91	1.74	2.25	1.96	2.04	2.31	3.83	5.02	3.37	1.42
5	2.16	1.85	1.82	1.76	2.22	1.92	2.13	2.08	3.47	5.12	3.16	1.57
6	2.09	1.85	1.81	1.78	2.15	1.86	2.30	1.97	3.30	5.13	3.12	2.03
7	2.02	1.85	1.89	1.78	2.07	1.83	2.32	1.93	3.17	5.08	3.14	2.07
8	2.27	1.84	1.87	1.75	2.02	1.80	2.32	1.95	3.03	5.22	3.24	2.11
9	3.32	1.82	1.89	1.76	1.95	1.80	2.33	1.96	2.90	4.87	2.88	2.21
10	2.86	1.79	1.89	1.76	1.89	1.82	2.33	1.94	2.94	4.32	2.48	2.08
11	2.42	1.77	1.93	1.76	1.90	1.81	2.30	1.92	3.88	3.85	2.23	1.86
12	2.37	1.75	1.99	1.76	1.92	1.80	2.26	1.91	4.19	3.50	2.90	1.70
13	2.33	1.76	1.99	1.74	1.92	1.79	2.27	1.89	4.72	3.29	3.30	1.56
14	2.21	1.78	1.92	1.75	1.93	1.77	2.33	1.87	4.25	2.98	2.78	1.65
15	2.07	1.86	1.90	1.76	1.91	1.77	2.33	1.88	4.00	2.67	2.44	1.89
16	1.98	2.05	1.93	1.78	1.91	1.80	2.33	1.93	3.81	2.42	2.24	2.05
17	1.96	2.22	1.91	1.80	1.94	1.87	2.25	2.22	3.70	2.26	2.20	1.80
18	1.99	1.85	1.90	1.82	1.97	1.93	2.07	2.78	3.55	2.14	2.10	1.71
19	1.93	1.88	2.01	1.84	1.99	1.94	1.97	2.85	3.40	2.00	2.08	1.63
20	1.96	1.88	2.09	1.92	2.03	1.96	1.96	2.65	3.30	1.90	2.08	1.53
21	1.93	2.00	2.20	2.05	2.08	1.97	1.95	2.45	3.24	1.82	2.03	1.44
22	1.91	2.27	2.24	2.05	2.11	2.07	1.94	2.35	3.34	1.73	2.22	1.47
23	1.87	2.06	2.30	1.97	2.10	2.17	1.95	2.36	3.43	1.67	2.24	1.56
24	1.84	1.94	2.25	1.97	2.06	2.22	1.94	3.28	3.97	1.83	2.07	1.58
25	1.81	1.87	2.12	1.95	2.01	2.15	1.96	3.53	5.57	1.80	1.91	1.56
26	1.78	1.82	2.31	1.95	1.99	2.09	1.97	3.10	6.13	1.66	1.78	1.60
27	1.77	1.77	2.41	1.98	2.01	2.12	1.98	2.79	6.40	1.61	1.69	1.55
28	1.77	1.76	2.17	2.01	2.03	2.13	1.99	2.58	6.93	1.65	1.73	1.43
29	1.76	1.79	1.99	2.10	------	2.10	1.98	2.82	6.68	1.74	2.00	1.38
30	1.73	1.90	1.87	2.48	------	2.04	1.97	3.13	6.29	2.27	1.83	1.27
31	1.74	------	1.80	2.42	------	1.97	------	3.15	------	2.29	1.68	------
MEAN	2.11	1.88	2.00	1.89	2.05	1.95	2.11	2.40	4.17	3.18	2.47	1.67
MAX	3.32	2.27	2.41	2.48	2.47	2.22	2.33	3.53	6.93	5.79	3.73	2.21
MIN	1.73	1.75	1.80	1.74	1.89	1.77	1.87	1.87	2.90	1.61	1.68	1.27

CAL YR 1973 MEAN 2.15 MAX 5.58 MIN 1.17
WTR YR 1974 MEAN 2.32 MAX 6.93 MIN 1.27

02298123 Prairie Creek near Fort Ogden, Fla.

LOCATION.--Lat 27°03'06", long 81°47'05", in SE quarter sec.26, T.39 S., R.25 E., De Soto County, near center of span on downstream side of bridge on State Highway 31, 0.4 mile (0.6 km) downstream from Myrtle Slough, and 10.6 miles (17.1 km) east of Fort Ogden.

DRAINAGE AREA.--233 sq mi (603 sq km).

PERIOD OF RECORD.--October 1963 to September 1968; October 1969 to current year (gage heights and discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is 25.00 ft (7.620 m) above mean sea level.

AVERAGE DISCHARGE.--5 years (1963-68), 166 cfs (4.70 cu m/s).

EXTREMES.--Current year: Maximum gage height, 13.30 ft (4.054 m) July 6; minimum, 3.22 ft (0.981 m) May 4, 5.
Period of record: Maximum gage height, that of July 6, 1974; minimum, 2.70 ft (0.823 m) May 27, 28, 1964.
Period of record: 1963-68: Maximum discharge, 2,860 cfs (81.0 cu m/s) June 10, 1968; no flow June 3-7, 1965.
Flood of July 1974 had a discharge of 2,950 cfs (83.5 cu m/s).

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 8	17	May 1	4.7
Jan. 9	28	June 18	139
Feb. 28	22	July 3	2200

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.58	4.33	3.83	4.46	3.71	3.83	3.51	3.31	4.29	12.24	10.40	9.11
2	7.12	4.37	3.84	4.40	3.70	3.80	3.48	3.25	4.90	12.47	11.04	8.73
3	6.74	4.34	3.83	4.34	3.70	3.78	3.45	3.27	4.63	12.26	10.74	8.45
4	6.46	4.30	3.82	4.29	3.72	3.77	3.43	3.25	4.53	12.09	10.60	9.82
5	6.26	4.25	3.81	4.24	3.70	3.75	3.47	3.23	4.69	12.32	10.78	9.81
6	6.03	4.22	3.83	4.19	3.67	3.74	3.56	3.28	4.88	13.19	10.75	9.55
7	5.81	4.19	3.83	4.16	3.66	3.72	3.48	3.29	5.48	12.96	10.58	9.52
8	5.69	4.16	3.84	4.11	3.66	3.69	3.37	3.27	5.15	12.62	10.43	9.88
9	7.33	4.12	3.86	4.05	3.67	3.67	3.40	3.27	4.88	12.35	10.33	9.89
10	8.69	4.09	3.84	4.00	3.69	3.65	3.49	3.26	4.78	12.16	10.25	9.83
11	8.99	4.05	3.83	3.97	3.71	3.63	3.47	3.26	5.19	11.93	10.21	9.76
12	8.76	4.00	3.83	3.93	3.74	3.62	3.44	3.26	5.73	11.75	10.96	9.63
13	8.23	3.97	3.84	3.89	3.77	3.60	3.42	3.29	5.96	11.63	10.92	9.47
14	7.57	3.95	3.82	3.86	3.76	3.59	3.41	3.34	6.04	11.40	10.78	9.33
15	7.03	3.97	3.84	3.84	3.73	3.64	3.40	3.33	6.37	11.19	10.48	9.51
16	6.60	3.96	3.88	3.82	3.73	4.12	3.40	3.41	6.57	10.99	10.54	9.63
17	6.24	3.97	3.95	3.80	3.75	3.95	3.44	3.88	6.66	10.82	10.51	9.61
18	5.93	4.01	3.97	3.79	3.74	3.94	3.44	3.64	6.37	10.76	10.35	9.67
19	5.74	4.07	3.99	3.80	3.75	3.85	3.43	3.40	6.11	10.86	10.27	9.67
20	5.59	4.09	4.18	3.84	4.04	3.78	3.44	3.30	5.83	10.65	10.31	9.51
21	5.52	4.07	4.96	3.84	4.05	3.69	3.40	3.27	5.62	10.43	10.47	9.31
22	5.39	4.06	4.99	3.85	4.04	3.63	3.38	3.29	5.48	10.21	10.33	9.12
23	5.23	4.05	4.93	3.84	4.05	3.67	3.38	3.33	5.26	10.22	10.18	9.00
24	5.06	4.03	4.81	3.85	4.04	3.76	3.39	3.50	6.01	10.31	10.00	10.01
25	4.91	4.03	4.70	3.84	3.99	3.70	3.37	3.72	9.39	10.11	9.97	9.62
26	4.77	4.01	4.63	3.83	3.96	3.64	3.40	3.56	11.31	9.83	10.04	9.19
27	4.67	3.96	4.60	3.80	3.98	3.61	3.41	3.43	11.11	9.58	10.15	8.88
28	4.57	3.93	4.60	3.81	3.92	3.61	3.42	3.45	12.45	9.41	10.23	8.63
29	4.49	3.88	4.59	3.79	------	3.58	3.35	3.60	12.23	9.41	10.28	8.41
30	4.40	3.82	4.56	3.77	------	3.56	3.27	3.74	12.07	9.54	9.89	8.08
31	4.32	------	4.52	3.72	------	3.54	------	3.87	------	10.14	9.49	------
MEAN	6.18	4.08	4.17	3.96	3.81	3.71	3.42	3.40	6.67	11.16	10.40	9.35
MAX	8.99	4.37	4.99	4.46	4.05	4.12	3.56	3.88	12.45	13.19	11.04	10.01
MIN	4.32	3.82	3.81	3.72	3.66	3.54	3.27	3.23	4.29	9.41	9.49	8.08

CAL YR 1973 MEAN 5.40 MAX 9.36 MIN 3.24
WTR YR 1974 MEAN 5.88 MAX 13.19 MIN 3.23

02298202 Shell Creek near Punta Gorda, Fla.

LOCATION.--Lat 26°59'04", long 81°56'09", in NW quarter sec.20, T.40 S., R.24 E., Charlotte County, near left bank 60 ft (18 m) upstream from dam, 1.0 mile (1.6 km) upstream from Myrtle Slough, 6.0 miles (9.6 km) upstream from mouth, and 7.7 miles (12 km) northeast of Punta Gorda.

DRAINAGE AREA.--373 sq mi (966 sq km).

PERIOD OF RECORD.--January 1965 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--9 years, 367 cfs (10.3 cu m/s), 13.36 in/yr (339 mm/yr), adjusted for diversion.

EXTREMES.--Current year: Maximum discharge, 6,110 cfs (173 cu m/s) June 28 (gage height, 7.30 ft, 2.225 m); no flow Apr. 30 to May 16; minimum gage height, 4.72 ft (1.439 m) May 14.

Period of record: Maximum discharge, that of June 28, 1974; no flow at times in 1967, 1968, 1971, 1972, 1974; minimum daily gage height, 2.51 ft (0.765 m), estimated, Jan. 1, 1965.

REMARKS.--Records poor prior to June 25 and good thereafter. Flow regulated by concrete dam. Aquatic growth accumulated on dam and restricted flow for many days. Capacity of reservoir insufficient to affect monthly figures of runoff. Diversion by city of Punta Gorda for water supply shown in monthly table.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	604	128	77	108	37	34	13	0	23	3,710	2,560	1,050
2	465	128	72	93	36	31	13	0	158	4,220	2,610	793
3	368	120	68	87	35	29	12	0	303	4,210	2,470	636
4	303	128	65	81	34	28	11	0	258	4,430	2,030	1,920
5	268	111	70	76	36	25	9.0	0	190	4,030	2,220	1,920
6	246	103	79	72	37	24	7.0	0	213	4,130	2,220	1,960
7	224	111	87	69	38	23	9.5	0	276	5,130	2,090	1,520
8	202	103	102	66	40	23	7.0	0	225	4,330	1,810	1,270
9	224	99	111	61	41	22	9.5	0	115	3,610	1,520	1,340
10	316	97	108	57	42	20	9.5	0	92	3,280	1,320	1,290
11	381	91	104	53	47	17	9.5	0	172	2,820	1,290	1,170
12	420	85	103	47	52	15	9.5	0	299	2,420	1,980	1,070
13	329	91	102	45	57	13	9.5	0	262	2,250	2,160	984
14	290	100	103	41	59	12	9.5	0	251	2,120	2,080	909
15	279	85	106	42	37	16	11	0	404	1,910	1,800	878
16	235	89	117	40	23	43	9.5	0	389	1,690	1,520	904
17	191	108	127	39	17	74	9.5	6.3	364	1,540	1,440	912
18	163	113	128	35	11	80	9.5	13	394	1,410	1,420	888
19	137	110	118	36	10	71	6.6	29	389	1,470	1,360	878
20	128	120	118	40	15	59	6.6	31	320	1,610	1,690	866
21	120	114	163	41	21	47	6.3	40	289	1,480	1,890	806
22	128	128	111	42	26	35	6.0	46	211	1,390	1,700	721
23	137	134	90	50	30	30	5.8	38	147	1,350	1,460	658
24	128	126	118	42	31	25	5.5	29	250	1,600	1,340	871
25	120	116	123	41	30	26	5.2	94	1,350	1,900	1,240	1,200
26	111	110	152	42	24	23	2.9	146	4,330	1,400	1,190	1,010
27	103	112	153	43	27	22	1.0	86	4,430	1,350	1,170	752
28	94	108	151	41	32	21	.39	29	5,720	1,250	1,230	603
29	94	97	150	41	------	16	.13	13	5,650	1,320	1,430	513
30	111	90	139	40	------	14	0	18	4,630	1,580	1,570	451
31	146	------	131	38	------	14	------	19	------	2,100	1,250	------
TOTAL	7,065	3,255	3,446	1,649	925	932	224.42	637.3	32,104	77,040	53,060	30,743
MEAN	228	109	111	53.2	33.0	30.1	7.48	20.6	1,070	2,485	1,712	1,025
MAX	604	134	163	108	59	80	13	146	5,720	5,130	2,610	1,960
MIN	94	85	65	35	10	12	0	0	23	1,250	1,170	451
(†)	+2.5	+2.8	+2.4	+2.8	+2.8	+3.4	+3.6	+3.4	+2.1	+2.0	+1.8	+1.9

ADJUSTED FOR DIVERSION BY CITY OF PUNTA GORDA

MEAN	230	112	113	56.0	35.8	33.5	11.1	24.0	1072	2487	1714	1027
CFSM	.62	.30	.30	.15	.10	.09	.03	.06	2.87	6.67	4.60	2.75
IN	.71	.34	.35	.17	.10	.10	.03	.07	3.21	7.69	5.30	3.07

	OBSERVED						ADJUSTED			
CAL YR 1973	TOTAL 85,175.70	MEAN 233	MAX 1,370	MIN 3.8	MEAN 236	CFSM .63	IN 8.57			
WAT YR 1974	TOTAL 211,080.72	MEAN 578	MAX 5,720	MIN 0	MEAN 581	CFSM 1.56	IN 21.14			

† Diversion, in cubic feet per second, by city of Punta Gorda, furnished by city of Punta Gorda Water Department.

02298830 Myakka River near Sarasota, Fla.

LOCATION.--Lat 27°14'25", long 82°18'50", in SW quarter sec.21, T.37 S., R.20 E., Sarasota County, on right bank 0.5 mile (0.8 km) upstream from bridge on State Highway 72, 1.9 miles (3.1 km) upstream from Lower Myakka Lake, 14 miles (23 km) southeast of Sarasota, and 36 miles (58 km) upstream from mouth.

DRAINAGE AREA.--235 sq mi (610 sq km), approximately.

PERIOD OF RECORD.--August 1936 to current year.

GAGE.--Water-stage recorder. Datum of gage is 7.92 ft (2.414 m) above mean sea level (National Park Service bench mark). Prior to Apr. 10, 1941, nonrecording gage at site 0.5 mile (0.8 km) downstream at present datum; Apr. 10, 1941 to June 28, 1961, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--38 years, 260 cfs (7.36 cu m/s), 15.03 in/yr (382 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,870 cfs (81.3 cu m/s) July 4 (gage height, 9.49 ft, 2.893 m); minimum, 0.28 cfs (0.008 cu m/s) May 4, 5, 6 (gage height, 2.84 ft, 0.866 m).
Period of record: Maximum discharge, 8,670 cfs (246 cu m/s) Aug. 1, 1960; maximum gage height, 11.60 ft (3.536 m) Sept. 23, 1962; no flow for many days in some years; minimum gage height observed, -1.40 ft (-0.427 m) June 11, 1945.

REMARKS.--Records poor. Records include flow from Vanderipe Slough at extreme high stages.

REVISIONS.--WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	920	34	5.4	13	11	25	7.8	.58	1.7	2,400	514	251
2	800	31	4.8	13	11	24	7.5	.48	1.7	2,640	738	224
3	720	27	4.4	12	10	24	7.0	.38	1.8	2,820	867	202
4	640	23	4.1	10	10	23	6.6	.30	2.1	2,860	905	186
5	570	21	3.8	9.0	9.8	23	6.4	.28	2.5	2,750	881	180
6	510	20	3.6	8.0	12	22	6.4	.33	2.4	2,580	872	209
7	460	19	3.5	7.6	14	22	5.9	.45	2.3	2,470	897	235
8	420	18	3.6	7.6	16	21	5.4	.64	2.5	2,350	913	266
9	390	16	3.6	6.2	16	21	5.0	.78	3.2	2,170	965	283
10	380	15	3.5	5.9	16	19	4.8	.90	3.1	1,930	935	283
11	360	18	3.5	5.6	15	18	4.4	.96	3.3	1,690	860	276
12	340	19	3.5	5.0	14	18	4.2	.92	3.5	1,460	938	263
13	320	18	3.5	5.0	13	17	4.4	.89	3.5	1,250	1,220	246
14	280	17	3.6	5.0	13	16	4.1	.83	3.7	1,050	1,360	228
15	250	15	3.9	4.8	12	15	3.9	.74	3.7	871	1,260	210
16	225	13	4.1	4.5	12	14	3.6	.94	3.9	730	1,110	191
17	195	12	6.5	4.3	13	14	3.4	1.8	3.9	632	930	170
18	180	11	9.6	4.2	13	13	3.1	2.3	4.3	566	774	150
19	155	9.9	10	4.1	13	12	2.8	2.7	5.2	523	651	138
20	135	9.0	9.3	4.2	19	12	2.6	2.8	8.0	492	561	122
21	120	8.3	8.8	5.1	21	11	2.3	2.8	8.8	463	502	109
22	105	8.1	10	6.6	23	11	2.2	2.7	8.8	423	470	95
23	92	7.8	12	8.6	24	11	2.1	2.8	8.7	379	446	85
24	83	7.8	12	11	26	11	2.0	2.9	17	349	445	75
25	74	7.8	12	12	27	11	1.8	2.7	37	320	443	66
26	66	7.6	11	12	27	10	1.5	2.6	49	296	431	59
27	56	7.4	11	12	26	9.8	1.3	2.4	210	274	411	52
28	50	7.0	11	12	26	9.3	1.1	2.3	767	260	373	46
29	44	6.8	12	12	------	9.1	.90	2.2	1,660	257	335	41
30	40	6.3	13	12	------	8.6	.75	2.0	2,290	257	309	36
31	35	------	13	11	------	8.2	------	1.9	------	328	279	------
TOTAL	9,015	440.8	223.6	253.3	462.8	483.0	115.25	47.30	5,122.6	37,840	22,595	4,977
MEAN	291	14.7	7.21	8.17	16.5	15.6	3.84	1.53	171	1,221	729	166
MAX	920	34	13	13	27	25	7.8	2.9	2,290	2,860	1,360	283
MIN	35	6.3	3.5	4.1	9.8	8.2	.75	.28	1.7	257	279	36
CFSM	1.24	.06	.03	.03	.07	.07	.02	.007	.73	5.20	3.10	.71
IN.	1.43	.07	.04	.04	.07	.08	.02	.007	.81	5.99	3.58	.79

CAL YR 1973 TOTAL 86,029.30 MEAN 236 MAX 1,620 MIN 2.0 CFSM 1.00 IN 13.62
WTR YR 1974 TOTAL 81,575.65 MEAN 223 MAX 2,860 MIN .28 CFSM .95 IN 12.91

02299950 Manatee River near Myakka Head, Fla.

LOCATION.--Lat 27°28'24", long 82°12'41", in SE quarter sec.33, T.34 S., R.21 E., Manatee County, near center of span on upstream side of bridge on State Highway 64, 2.0 miles (3.2 km) downstream from confluence of North and East Forks Manatee River, 6.4 miles (10.3 km) east of State Highway 675, 8.4 miles (13.5 km) west of Myakka Head, and 36 miles (58 km) upstream from mouth.

DRAINAGE AREA.--64.7 sq mi (167.6 sq km).

PERIOD OF RECORD.--April 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 40.93 ft (12.475 m) above mean sea level (Florida Department of Transportation bench mark).

AVERAGE DISCHARGE.--8 years, 65.3 cfs (1.85 cu m/s), 13.71 in/yr (348 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,390 cfs (39.4 cu m/s) July 2 (gage height, 12.15 ft, 3.703 m); minimum, 0.23 cfs (0.007 cu m/s) May 4, 11 (gage height, 0.59 ft, 0.180 m).
Period of record: Maximum discharge, 2,410 cfs (68.3 cu m/s) Aug. 31, 1972 (gage height, 13.67 ft, 4.167 m); minimum, that of May 4, 11, 1974.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WRD Fla. 1968: 1966.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	9.5	4.5	19	6.8	5.2	1.1	.47	.73	380	192	9.0
2	52	16	4.7	17	6.6	5.0	.99	.44	.71	1,290	287	7.8
3	41	14	6.4	15	6.1	4.9	.95	.46	.78	894	318	7.1
4	34	11	6.2	13	5.6	4.3	.88	.40	8.4	342	216	6.9
5	28	9.1	5.3	13	4.9	3.9	.90	.33	31	186	148	15
6	24	8.0	5.5	12	4.4	3.4	1.0	.51	46	196	365	84
7	20	7.3	7.0	11	4.4	3.1	1.2	.62	17	190	300	51
8	18	7.0	8.2	10	5.7	3.1	1.1	.58	11	171	205	36
9	20	7.4	10	9.4	6.6	3.1	1.2	.51	19	520	135	42
10	18	6.4	10	8.8	5.8	2.9	1.2	.44	14	308	102	40
11	18	5.8	8.7	8.3	5.2	2.6	.97	.31	8.2	146	111	27
12	16	5.6	7.6	8.0	4.7	2.4	3.8	.42	14	111	118	19
13	14	5.5	7.2	7.9	4.4	2.3	14	.43	8.5	218	121	21
14	12	5.5	8.7	7.8	4.4	2.2	2.3	.61	5.0	96	106	88
15	9.9	5.3	11	7.7	4.2	2.1	1.3	1.3	6.8	55	88	70
16	8.2	6.2	31	7.6	5.1	2.0	1.1	2.5	9.2	37	68	53
17	7.3	7.9	63	7.4	13	2.1	.96	17	6.3	26	52	38
18	6.6	7.8	45	7.9	14	2.0	.89	6.2	4.4	180	39	27
19	6.4	8.2	27	8.6	9.7	1.8	.82	3.7	3.7	759	31	19
20	7.2	10	20	8.3	12	1.9	.76	2.9	3.2	540	31	14
21	7.3	11	28	7.5	13	2.2	.75	2.0	2.9	253	51	12
22	7.4	7.2	27	7.0	9.8	1.8	.72	1.5	2.5	151	37	9.8
23	7.0	6.0	20	7.0	7.8	2.0	.71	1.4	2.2	121	25	8.4
24	6.6	5.1	16	7.4	6.7	3.2	.70	1.5	11	121	21	7.4
25	6.2	4.8	17	7.5	5.7	3.1	.62	1.3	165	137	18	6.8
26	5.4	4.3	15	7.4	5.0	2.6	.58	1.1	203	93	15	9.1
27	4.5	4.7	13	6.6	4.8	2.1	.49	.88	764	80	13	9.5
28	4.2	4.4	21	5.6	4.7	1.6	.46	.80	897	78	11	9.7
29	4.0	3.9	35	5.2	------	1.4	.48	.70	357	191	9.5	8.4
30	4.1	4.8	29	5.1	------	1.2	.48	.64	337	230	11	6.8
31	4.8	------	24	5.5	------	1.1	------	.67	------	155	8.5	------
TOTAL	489.1	219.7	542.0	279.5	191.1	82.6	43.41	52.62	2,959.52	8,255	3,253.0	762.7
MEAN	15.8	7.32	17.5	9.02	6.83	2.66	1.45	1.70	98.7	266	105	25.4
MAX	67	16	63	19	14	5.2	14	17	897	1,290	365	88
MIN	4.0	3.9	4.5	5.1	4.2	1.1	.46	.31	.71	26	8.5	6.8
CFSM	.24	.11	.27	.14	.11	.04	.02	.03	1.53	4.11	1.62	.39
IN.	.28	.13	.31	.16	.11	.05	.02	.03	1.70	4.75	1.87	.44

CAL YR 1973 TOTAL 19,566.72 MEAN 53.6 MAX 1,290 MIN .57 CFSM .83 IN 11.25
WTR YR 1974 TOTAL 17,130.25 MEAN 46.9 MAX 1,290 MIN .31 CFSM .72 IN 9.85

02300100 Little Manatee River near Fort Lonesome, Fla.

LOCATION.--Lat 27°42'16", long 82°11'53", in NW quarter sec.15, T.32 S., R.21 E., Hillsborough County, near right bank on downstream side of bridge on State Highway 674, 0.6 mile (1.0 km) upstream from Howard Prairie Branch, 3.2 miles (5.1 km) west of Fort Lonesome, 6.2 miles (10.0 km) east of Wimauma, and 30 miles (48 km) upstream from mouth.

DRAINAGE AREA.--31.4 sq mi (81.3 sq km).

PERIOD OF RECORD.--September 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 45.00 ft (13.716 m) above mean sea level; datum of nonrecording gage is at mean sea level.

AVERAGE DISCHARGE.--11 years, 30.0 cfs (0.85 cu m/s), 12.98 in/yr (330 mm/yr).

EXTREMES.--Current year: Maximum discharge, 768 cfs (21.7 cu m/s) July 3 (gage height, 9.58 ft, 2.920 m); no flow many days; minimum daily gage height, 1.44 ft (0.439 m) May 13, estimated.
Period of record: Maximum discharge, 1,310 cfs (37.1 cu m/s) Apr. 4, 1973; maximum gage height, 10.80 ft (3.292 m) Aug. 13, 1967; no flow at times in most years; minimum gage height, that of May 13, 1974.

REMARKS.--Records fair. Small diurnal fluctuation at low flow.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	5.5	1.0	3.6	1.5	1.2	0	0	0	349	220	2.5
2	15	5.8	1.0	3.3	1.5	1.1	0	0	0	510	240	2.3
3	12	5.9	1.0	3.1	1.4	1.1	0	0	.04	605	190	2.2
4	9.4	4.1	1.0	3.0	1.3	.90	0	0	.15	291	150	2.5
5	7.8	3.4	.97	2.9	1.3	.85	.04	0	.60	189	230	5.0
6	6.5	2.9	1.1	2.9	1.2	.74	.70	0	3.0	130	250	12
7	5.4	2.6	1.2	2.9	1.1	.69	.73	0	2.9	117	80	14
8	5.1	2.4	3.1	2.7	1.2	.66	.56	0	2.9	100	72	15
9	5.1	2.2	3.9	2.6	1.8	.66	.38	0	5.6	215	45	13
10	4.6	2.1	3.3	2.5	1.8	.63	.22	0	6.2	242	70	9.4
11	4.0	1.9	2.9	2.3	1.5	.61	.10	0	5.6	119	48	7.9
12	3.5	1.8	2.6	2.2	1.4	.57	0	0	5.2	75	32	6.1
13	3.1	1.7	2.3	2.2	1.2	.53	0	0	4.4	55	22	5.0
14	2.9	1.4	3.0	2.3	1.1	.47	0	0	3.2	37	25	4.4
15	2.8	1.3	4.2	2.2	1.0	.41	0	.02	3.2	23	20	4.3
16	2.7	1.2	4.5	2.1	2.8	.40	.14	.05	3.3	16	17	4.2
17	2.5	1.2	5.9	2.1	5.9	.40	.30	.10	3.1	12	14	3.8
18	2.3	1.3	5.7	2.1	4.2	.35	.40	.25	3.0	25	11	3.3
19	2.0	1.4	4.4	2.1	3.4	.29	.32	.56	3.2	317	9.5	3.0
20	1.9	1.5	4.8	2.1	3.2	.26	.18	1.0	3.4	233	7.9	2.7
21	1.7	1.4	7.9	2.1	2.9	.29	.02	.56	4.7	122	6.5	2.4
22	1.7	1.4	6.1	2.0	2.5	.32	0	.40	4.7	80	8.0	2.0
23	1.5	1.3	5.0	2.0	2.3	.42	0	.52	4.2	218	8.8	1.8
24	1.4	1.3	4.2	1.9	2.0	.86	0	.43	9.8	188	7.1	1.6
25	1.3	1.3	3.7	1.8	1.7	.90	0	.16	17	170	6.1	1.5
26	1.2	1.2	3.5	1.7	1.5	.86	0	.04	34	150	5.8	1.4
27	1.2	1.1	3.4	1.6	1.3	.59	0	0	252	137	5.4	1.7
28	1.2	1.1	4.7	1.5	1.3	.42	0	0	465	110	4.7	2.3
29	1.2	1.1	5.6	1.5	------	.28	0	0	224	200	4.0	2.3
30	1.1	1.1	4.8	1.5	------	.18	0	0	232	342	3.2	2.0
31	1.1	------	4.2	1.4	------	.04	------	0	------	320	2.8	------
TOTAL	133.2	63.9	110.97	70.2	55.3	17.98	4.09	4.09	1,306.39	1,697	1,815.8	141.6
MEAN	4.30	2.13	3.58	2.26	1.98	.58	.14	.13	43.5	184	58.6	4.72
MAX	20	5.9	7.9	3.6	5.9	1.2	.73	1.0	465	605	250	15
MIN	1.1	1.1	.97	1.4	1.0	.04	0	0	0	12	2.8	1.4
CFSM	.14	.07	.11	.07	.06	.02	.005	.004	1.39	5.86	1.87	.15
IN.	.16	.08	.13	.08	.07	.02	.004	.004	1.55	6.75	2.15	.17

CAL YR 1973 TOTAL 11,518.26 MEAN 31.6 MAX 750 MIN .06 CFSM 1.01 IN 13.65
WTR YR 1974 TOTAL 9,420.52 MEAN 25.8 MAX 605 MIN 0 CFSM .82 IN 11.16

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
7-03	0600	9.58	768	7-30	UNKNOWN	9.07	545

NOTE.--No gage height record May 9 to June 25, July 24 to Aug. 22.

02300500 Little Manatee River near Wimauma, Fla.

LOCATION.--Lat 27°40'15", long 82°21'10", in NE quarter sec.25, T.32 S., R.19 E., Hillsborough County, near center of span on downstream side of bridge on U. S. Highway 301, 1.6 miles (2.6 km) upstream from Cypress Creek, 4.2 miles (6.8 km) southwest of Wimauma, and 15 miles (24 km) upstream from mouth.

DRAINAGE AREA.--149 sq mi (386 sq km).

PERIOD OF RECORD.--March 1939 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Oct. 1, 1963, at site 75 ft (25 m) downstream at datum 2.17 ft (0.661 m) higher; Oct. 1, 1963 to Sept. 22, 1971 at former site and present datum.

AVERAGE DISCHARGE.--35 years, 178 cfs (5.04 cu m/s), 16.22 in/yr (412 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,060 cfs (58.3 cu m/s) July 3 (gage height, 12.64 ft, 3.853 m); minimum, 8.2 cfs (0.23 cu m/s) May 14 (gage height, 1.43 ft, 0.436 m).
Period of record: Maximum discharge, 14,000 cfs (396 cu m/s) Sept. 11, 1960 (gage height, 19.76 ft, 6.023 m, present datum); minimum, 1.2 cfs (0.034 cu m/s) June 6, 7, 1945; minimum gage height, 1.38 ft (0.421 m) May 18, 19, 1967.

REMARKS.--Records fair. Stage-discharge relation affected by tide on most days. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 1032: 1939(M). WSP 1905: 1961-62, 1965, drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	38	21	40	20	27	14	9.7	12	1,410	922	49
2	87	35	21	36	19	28	15	9.7	11	1,580	668	45
3	74	36	21	33	18	25	15	11	12	1,980	851	44
4	64	35	22	31	18	25	17	11	17	1,670	775	42
5	58	32	24	30	16	25	20	11	18	1,160	510	63
6	52	31	21	30	17	25	18	13	17	849	807	230
7	46	29	22	29	18	24	17	11	17	532	856	182
8	42	26	36	28	20	25	16	11	18	421	416	143
9	44	26	43	26	20	23	14	11	28	323	359	130
10	44	26	37	25	19	22	14	11	36	427	227	94
11	39	24	33	24	18	21	13	12	33	384	572	76
12	37	22	30	23	19	21	14	18	32	156	372	63
13	35	22	26	22	19	21	14	9.9	27	88	255	74
14	33	22	30	26	19	21	13	9.3	23	59	295	57
15	33	22	35	24	18	19	13	13	22	53	230	50
16	32	24	41	25	29	20	12	29	22	47	192	47
17	28	24	45	24	36	20	12	104	22	38	156	46
18	28	25	49	25	39	19	13	78	20	300	120	44
19	28	26	44	24	35	18	12	32	21	804	101	40
20	26	27	70	23	38	20	12	27	22	713	90	38
21	26	27	96	23	33	20	11	22	27	624	79	35
22	25	26	65	22	31	20	12	21	27	255	123	31
23	25	25	52	23	28	19	11	20	26	194	147	29
24	24	24	45	23	26	20	11	18	44	319	132	32
25	24	24	40	21	25	20	10	17	124	370	103	73
26	24	22	38	23	24	22	9.2	16	176	360	89	67
27	25	22	36	21	25	20	11	16	888	238	82	50
28	22	21	45	18	25	18	11	13	1,400	398	77	44
29	21	20	58	19	------	19	11	12	1,540	597	88	40
30	22	20	54	20	------	20	9.5	12	1,180	1,210	86	34
31	23	------	45	21	------	16	------	11	------	1,270	55	------
TOTAL	1,199	783	1,245	782	672	663	394.7	619.6	5,862	18,829	9,835	1,992
MEAN	38.7	26.1	40.2	25.2	24.0	21.4	13.2	20.0	195	607	317	66.4
MAX	108	38	96	40	39	28	20	104	1,540	1,980	922	230
MIN	21	20	21	18	16	16	9.2	9.3	11	38	55	29
CFSM	.26	.18	.27	.17	.16	.14	.09	.13	1.31	4.07	2.13	.45
IN.	.30	.20	.31	.20	.17	.17	.10	.15	1.46	4.70	2.46	.50

CAL YR 1973 TOTAL 4,274.3 MEAN 11.7 MAX 108 MIN 1.6 CFSM .08 IN 1.07
WTR YR 1974 TOTAL 42,876.3 MEAN 117 MAX 1,980 MIN 9.2 CFSM .79 IN 10.70

PEAK DISCHARGE (BASE, 1,400 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-29	0545	11.64	1,610	7-30	2215	11.35	1,500
7-03	1415	12.64	2,060				

02301000 North Prong Alafia River at Keysville, Fla.

LOCATION (revised).--Lat 27°52'59", long 82°06'03", in SW quarter sec.10, T.30 S., R.22 E., Hillsborough County, near left bank (300 ft) (90 m) below highway bridge, 0.6 miles (1.0 km) north of Keysville, 4 miles (6.4 km) upstream from confluence with South Prong Alafia River, and 29 miles (47 km) upstream from mouth of Alafia River at Hillsborough Bay.

DRAINAGE AREA.--135 sq mi (350 sq km), approximately.

PERIOD OF RECORD.--May 1950 to current year. Monthly discharge only for May 1950, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 38.56 ft (11.753 m) above mean sea level. Prior to May 8, 1974, at site 300 (90 m) upstream at same datum.

AVERAGE DISCHARGE.--24 years, 175 cfs (4.96 cu m/s), 126,800 acre-ft/yr (156 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 1,730 cfs (49.0 cu m/s) Aug. 12 (gage height, 11.09 ft, 3.380 m); minimum, 36 cfs (1.02 cu m/s) May 30, 31; minimum gage height, 2.76 ft (0.841 m) May 8, 9.
Period of record: Maximum discharge, 9,570 cfs (271 cu m/s) Sept. 11, 1960 (gage height, 15.86 ft, 4.834 m), from recorded range in stage; minimum, 3.6 cfs (0.10 cu m/s) May 17, 1952; minimum gage height, 1.18 ft (0.360 m) June 1, 2, 1953.

REMARKS.--Records poor. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182	90	87	89	81	60	67	43	43	1,150	521	107
2	169	120	90	84	85	57	62	40	51	829	427	93
3	155	127	89	82	89	57	59	41	58	957	391	86
4	148	113	88	79	80	58	59	40	49	879	332	85
5	141	102	91	75	72	64	60	43	47	737	317	101
6	134	118	83	76	74	63	68	43	46	1,080	371	117
7	127	137	76	70	69	62	60	44	47	917	402	125
8	123	127	100	69	71	58	60	42	48	732	342	118
9	120	131	119	69	89	65	62	48	49	685	601	118
10	114	125	99	69	96	68	59	54	54	593	723	121
11	117	104	97	68	100	61	56	51	60	472	587	122
12	120	87	104	65	93	52	56	47	81	348	1,310	129
13	119	79	92	66	83	56	55	49	82	287	759	140
14	115	75	85	73	86	57	59	48	63	257	566	128
15	116	74	89	85	87	58	59	47	58	226	459	217
16	122	74	82	86	91	61	58	49	54	202	353	377
17	128	74	79	79	100	62	54	70	65	183	292	411
18	130	75	80	80	94	61	59	146	67	169	237	333
19	134	83	80	84	83	61	53	110	57	201	219	245
20	133	88	81	85	85	63	48	91	57	225	228	186
21	129	84	116	85	85	60	43	85	56	171	235	158
22	120	82	124	83	81	68	41	80	50	145	201	130
23	110	81	96	83	84	77	41	78	54	139	176	113
24	101	80	72	83	79	84	50	73	66	143	175	108
25	92	81	67	83	68	84	49	66	148	168	156	109
26	91	79	65	84	71	74	49	62	202	198	140	101
27	85	74	63	82	75	71	48	49	405	231	136	97
28	78	76	76	82	67	65	48	42	1,070	244	147	114
29	74	79	89	76	------	63	46	39	946	374	124	109
30	70	79	92	77	------	59	45	38	819	684	139	102
31	68	------	93	80	------	66	------	39	------	625	131	------
TOTAL	3,665	2,798	2,744	2,431	2,318	1,975	1,633	1,797	4,952	14,261	11,197	4,500
MEAN	118	93.3	88.5	78.4	82.8	63.7	54.4	58.0	165	460	361	150
MAX	182	137	124	89	100	84	68	146	1,070	1,150	1,310	411
MIN	68	74	63	65	67	52	41	38	43	139	124	85
AC-FT	7,270	5,550	5,440	4,820	4,600	3,920	3,240	3,560	9,820	28,290	22,210	8,930

CAL YR 1973 TOTAL 47,247 MEAN 129 MAX 674 MIN 41 AC-FT 93,710
WTR YR 1974 TOTAL 54,271 MEAN 149 MAX 1,310 MIN 38 AC-FT 107,600

PEAK DISCHARGE (BASE, 300 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-28	1000	10.13	1,100	7- 6	1400	10.42	1,260
7- 1	1000	10.44	1,270	8- 9	2100	10.06	1,070
7- 3	1500	10.02	1,050	8-12	0900	11.09	1,730

02301300 South Prong Alafia River near Lithia, Fla.

LOCATION (revised).--Lat 27°47'47", long 82°07'04", in SW quarter sec.9, T.31 S., R.22 E., Hillsborough County, at left bank 12 ft (3.7 m) upstream from bridge on county road, 1.5 miles (2.4 km) upstream from Halls Branch, 5.0 miles (8.0 km) southeast of Lithia, and 7.6 miles (12.2 km) upstream from mouth.

DRAINAGE AREA.--107 sq mi (277 sq km).

PERIOD OF RECORD.--December 1962 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft (15.240 m) above mean sea level. Prior to Oct. 13, 1965, at datum 51.56 ft (15.715 m) lower; Oct. 13, 1965 to Nov. 29, 1971 at present datum; Nov. 29, 1971 to July 25, 1972, nonrecording gage at present datum. Prior to July 25, 1972, at site 12 ft (3.7 m) downstream; July 25, 1972 to December 17, 1973, at site 60 ft (18 m) upstream.

AVERAGE DISCHARGE.--11 years (1963-74), 133 cfs (3.77 cu m/s), 96,360 acre-ft/yr (119 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 1,060 cfs (30.0 cu m/s) July 2 (gage height, 6.81 ft, 2.076 m); minimum, daily discharge, 10 cfs (0.283 cu m/s) May 5, (gage height, 0.44 ft, 0.134 m), estimated.
Period of record: Maximum discharge, 2,600 cfs (73.6 cu m/s) Aug. 14, 1967 (gage height, 7.88 ft, 2.402 m); minimum, 1.3 cfs (0.037 cu m/s) June 1, 1967, May 4, 1968; minimum gage height, that of May 5, 1974.

REMARKS.--Records fair. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97	40	32	73	33	26	22	14	32	707	481	62
2	90	44	32	70	33	25	22	13	39	966	423	58
3	84	52	32	66	32	24	20	12	55	923	375	57
4	77	56	33	63	31	23	19	11	77	813	350	60
5	72	56	32	60	30	23	25	10	69	646	366	65
6	69	55	33	56	29	23	32	12	77	661	428	82
7	66	53	35	53	28	22	32	16	71	757	397	82
8	64	52	42	50	31	22	33	20	68	625	323	84
9	64	49	45	48	33	21	33	22	81	592	283	87
10	64	46	44	46	32	21	31	20	96	499	284	88
11	67	44	43	44	32	20	28	19	112	424	269	88
12	66	42	41	43	31	20	26	19	95	375	231	82
13	63	40	38	41	30	19	25	17	80	331	208	77
14	60	38	40	40	29	17	26	14	76	295	204	76
15	57	37	44	39	28	16	25	13	73	275	227	88
16	56	37	47	40	37	16	23	18	68	250	215	100
17	54	36	49	40	40	17	23	38	62	230	183	116
18	52	37	51	39	42	19	23	57	58	210	154	119
19	50	39	53	40	42	19	23	61	54	210	132	118
20	49	36	63	41	40	19	22	69	46	200	117	117
21	46	36	72	41	38	19	21	73	41	179	111	114
22	44	36	67	40	36	22	22	71	37	152	124	109
23	42	37	63	40	33	24	23	67	36	155	115	100
24	40	37	60	40	31	28	23	62	43	142	106	92
25	38	39	57	40	29	27	21	62	67	132	100	86
26	37	39	55	39	28	26	20	64	88	134	97	87
27	36	37	53	39	27	24	19	58	273	143	92	86
28	36	35	61	39	26	22	17	48	673	202	85	82
29	35	33	71	38	------	21	16	42	737	354	78	81
30	34	32	76	36	------	26	15	40	610	490	72	77
31	34	------	75	34	------	21	------	34	------	542	66	------
TOTAL	1,743	1,250	1,539	1,418	911	672	710	1,096	3,994	12,614	6,696	2,620
MEAN	56.2	41.7	49.6	45.7	32.5	21.7	23.7	35.4	133	407	216	87.3
MAX	97	56	76	73	42	28	33	73	737	966	481	119
MIN	34	32	32	34	26	16	15	10	32	132	66	57
AC-FT	3,460	2,480	3,050	2,810	1,810	1,330	1,410	2,170	7,920	25,020	13,280	5,200

CAL YR 1973 TOTAL 54,331 MEAN 149 MAX 1,580 MIN 22 AC-FT 107,800
WTR YR 1974 TOTAL 35,263 MEAN 96.6 MAX 966 MIN 10 AC-FT 69,940

PEAK DISCHARGE (BASE, 500 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-28	1700	6.54	852	7-31	0300	5.48	557
7- 2	1600	6.81	1,060				

NOTE.--No gage height record Dec. 17 to Feb. 8, Apr. 10 to May 9, July 14-18.

02301350 Little Alafia River near Hopewell, Fla.

LOCATION.--Lat 27°56'15", long 82°09'23", in SE quarter sec.24, T.29 S., R.21 E., Hillsborough County, on left upstream wingwall of culvert on State Highway 60, 2.2 miles (3.5 km) upstream from Pleasant Grove Reservoir control structure, 3.0 miles (4.8 km) west of Hopewell, and 3.0 miles (4.8 km) northeast of Durant.

DRAINAGE AREA.--8.65 sq mi (22.40 sq km).

PERIOD OF RECORD.--August 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft (15.240 m) above mean sea level (Florida Department of Transportation bench mark).

AVERAGE DISCHARGE.--8 years, 9.97 cfs (0.28 cu m/s), 7,220 acre-ft/yr (8.90 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 882 cfs (25.0 cu m/s) Aug. 11 (gage height, 13.98 ft, 4,261 m); minimum daily, 0.01 cfs (0.0003 cu m/s) May 13-15; minimum gage height, 7.99 ft (2.435 m) May 14, 15, 16.
Period of record: Maximum discharge, 974 cfs (27.6 cu m/s) Sept. 12, 1971 (gage height, 14.30 ft, 4.359 m); no flow at times most years; minimum gage height, 6.97 ft (2.124 m) May 24, 1968.

REMARKS.--Records poor. Since July 1971, flow occasionally affected by backwater from Pleasant Grove Reservoir.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.07	75	.05	.75	.07	.04	.05	.02	.05	39	27	1.6
2	.07	6.0	.05	.46	.07	.04	.05	.02	.05	35	123	1.5
3	.07	1.5	.05	.19	.07	.04	.05	.02	.05	78	274	2.5
4	.06	.77	.05	.14	.06	.04	.04	.02	.07	83	70	1.4
5	.06	.51	.05	.11	.06	.04	.04	.02	.06	20	256	2.1
6	.06	.21	.05	.09	.06	.04	.04	.02	.06	68	336	7.6
7	.06	.22	.05	.08	.05	.05	.04	.02	.05	11	110	3.3
8	.06	.12	.66	.07	.05	.05	.04	.02	.05	8.7	86	1.7
9	.06	.11	.53	.07	.05	.05	.04	.02	.05	9.5	355	15
10	.06	.09	.14	.07	.05	.06	.04	.02	.08	4.5	94	122
11	.06	.08	.08	.06	.05	.05	.03	.02	.12	4.4	261	42
12	.06	.07	.07	.06	.04	.06	.03	.02	.06	5.6	492	9.8
13	.06	.06	.05	.06	.04	.05	.03	.01	.07	9.1	156	4.4
14	.06	.06	.14	.06	.04	.05	.03	.01	.05	5.4	49	3.8
15	.06	.06	.20	.06	.04	.05	.03	.01	.06	3.0	127	26
16	.06	.05	.42	.06	.04	.09	.03	.07	.26	3.0	308	6.6
17	.05	.05	.32	.05	.04	.06	.03	.17	.12	2.6	69	1.7
18	.05	.05	.17	.05	.05	.06	.03	2.1	.08	11	38	.52
19	.05	.09	.11	.05	.06	.05	.03	.18	.07	51	155	.22
20	.05	.08	17	.05	.05	.05	.03	.10	.06	17	172	.15
21	.05	.07	32	.05	.05	.05	.03	.08	.06	7.8	54	.11
22	.05	.07	4.0	.05	.06	.05	.03	.07	.05	5.5	79	.10
23	.05	.06	3.1	.05	.05	.09	.03	.06	.05	5.6	83	.08
24	.05	.06	2.1	.05	.05	.12	.02	.06	.08	3.4	32	.08
25	.05	.06	1.7	.05	.05	.08	.02	.06	.46	7.1	22	.07
26	.05	.06	1.7	.06	.05	.07	.02	.06	36	14	10	.07
27	.05	.05	3.1	.05	.04	.06	.02	.05	431	12	6.0	.07
28	.06	.05	10	.06	.04	.06	.02	.05	147	57	4.0	.06
29	.05	.05	4.6	.05	------	.05	.02	.05	21	144	3.0	.06
30	.05	.05	1.4	.05	------	.05	.02	.05	207	82	2.5	.06
31	.05	------	1.0	.06	------	.05	------	.05	------	40	2.0	------
TOTAL	1.75	85.76	84.94	3.17	1.43	1.75	.96	3.53	844.22	847.2	3,855.5	254.65
MEAN	.057	2.86	2.74	.10	.051	.057	.032	.11	28.1	27.3	124	8.49
MAX	.07	75	32	.75	.07	.12	.05	2.1	431	144	492	122
MIN	.05	.05	.05	.05	.04	.04	.02	.01	.05	2.6	2.0	.06
AC-FT	3.5	170	168	6.3	2.8	3.5	1.9	7.0	1,670	1,680	7,650	505

CAL YR 1973 TOTAL 7,146.81 MEAN 19.6 MAX 332 MIN 0 AC-FT 14,180
WTR YR 1974 TOTAL 5,984.86 MEAN 16.4 MAX 492 MIN .01 AC-FT 11,870

PEAK DISCHARGE (BASE, 300 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
8-02	2300	12.74	498	8-11	2300	13.98	882
8-05	2000	13.63	764	8-16	0100	13.16	589
8-09	0300	12.84	567	8-19	2100	12.34	413

02301370 Little Alafia River at Turkey Creek Road at Pleasant Grove, Fla.

LOCATION.--Lat 27°54'34", long 82°10'15", in SE quarter sec.35, T.29 S., R.21 E., Hillsborough County, at bridge on Turkey Creek Road, 0.3 mile (0.5 km) north of Pleasant Grove, 2.2 miles (3.5 km) upstream from mouth.

DRAINAGE AREA.--19.6 sq mi (50.8 sq km).

PERIOD OF RECORD.--October 1968 to current year (discharge measurements only).

GAGE.--Reference point.

EXTREMES.--Period of record: Maximum discharge measured, 257 cfs (7.278 cu m/s) Aug. 13, 1974; minimum measured, 0.06 cfs (0.002 cu m/s) May 9, 1970.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 20	0.97	May 1	0.71
Jan. 8	1.6	July 15	11
Mar. 7	1.1	Aug. 13	257
Mar. 13	1.4	Aug. 26	46

02301500 Alafia River at Lithia, Fla.

LOCATION.--Lat 27°52'19", long 82°12'41", in NE quarter sec.16, T.30 S., R.21 E., Hillsborough County, near center of span on downstream side of bridge on State Highway 640, 2.0 miles (3.2 km) upstream from Little Fishhawk Creek, 4.3 miles (6.9 km) west of Lithia, and 16 miles (26 km) upstream from mouth.

DRAINAGE AREA.--335 sq mi (868 sq km), approximately.

PERIOD OF RECORD.--October 1932 to current year. Monthly discharge only prior to February 1933, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft (2.134 m) above mean sea level. Prior to Aug. 8, 1939, nonrecording gage at site 200 ft (60 m) upstream; Aug. 8, 1939 to Sept. 5, 1963, water-stage recorder at site 60 ft (18 m) downstream; Sept. 6, 1963 to Oct. 14, 1965, water-stage recorder at site 50 ft (15 m) downstream. Prior to Oct. 14, 1965, at datum 2.86 ft (0.872 m) higher.

AVERAGE DISCHARGE.--42 years, 377 cfs (10.7 cu m/s), 15.28 in/yr (388 mm/yr), 273,100 acre-ft/yr (337 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 2,500 cfs (70.8 cu m/s) July 3 (gage height, 14.96 ft, 4.560 m); minimum, 62 cfs (1.76 cu m/s) May 5 (gage height, 2.97 ft, 0.905 m, estimated).
Period of record: Maximum discharge, 45,900 cfs (1,300 cu m/s) Sept. 7, 1933 (gage height, 28.5 ft, 8.687 m, present datum), from floodmarks, from rating curve extended above 21,000 cfs (595 cu m/s); minimum, 6.6 cfs (0.19 cu m/s) June 5, 6, 1945 (gage height, 1.95 ft, 0.594 m, present datum).

REMARKS.--Records fair. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 782: 1933(M). WSP 1234: Drainage area. WSP 1274: 1933-35, 1939, 1945, 1947-50.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	382	204	155	220	137	115	114	74	75	1,890	1,320	219
2	330	243	170	209	143	112	110	70	105	2,120	1,160	192
3	302	231	161	200	147	111	108	66	157	2,430	1,270	183
4	279	231	158	194	144	110	108	64	170	2,440	1,050	181
5	259	212	167	186	124	110	108	62	141	2,130	932	206
6	242	204	173	186	122	114	125	63	138	1,830	1,610	279
7	224	240	152	182	123	111	126	67	144	1,910	1,280	289
8	209	232	188	180	126	110	117	73	131	1,930	998	267
9	204	227	240	178	174	110	123	76	135	1,640	905	297
10	198	222	209	174	194	113	119	83	156	1,430	1,190	434
11	202	197	186	174	200	110	111	82	210	1,250	1,370	337
12	210	176	193	173	172	109	103	74	374	999	1,620	304
13	198	150	188	168	147	108	98	73	239	854	2,340	295
14	189	140	185	170	137	108	97	70	194	710	1,800	277
15	180	136	194	176	138	108	102	70	172	601	1,160	523
16	180	135	190	180	140	108	95	82	171	530	1,100	521
17	186	134	187	179	170	108	92	121	156	474	826	603
18	188	135	184	177	180	108	93	372	154	515	633	557
19	189	141	186	180	173	107	93	255	136	549	544	476
20	185	167	212	182	173	108	92	190	127	528	603	397
21	183	153	321	182	173	107	89	184	117	461	551	351
22	179	150	283	177	171	109	88	180	106	387	554	320
23	154	149	246	186	155	139	92	186	103	351	528	285
24	140	149	191	184	155	165	100	190	117	367	447	267
25	135	150	180	172	130	167	96	154	234	623	385	262
26	132	152	176	172	117	140	92	140	404	574	336	289
27	130	146	180	167	123	129	88	121	960	466	309	264
28	126	142	220	152	123	126	85	102	1,370	591	303	264
29	123	148	237	144	------	119	82	89	1,610	819	279	258
30	119	146	233	137	------	120	78	82	1,790	1,340	255	240
31	118	------	222	139	------	118	------	80	------	1,420	257	------
TOTAL	6,075	5,242	6,167	5,480	4,211	3,637	3,024	3,595	10,096	34,159	27,915	9,637
MEAN	196	175	199	177	150	117	101	116	337	1,102	900	321
MAX	382	243	321	220	200	167	126	372	1,790	2,440	2,340	603
MIN	118	134	152	137	117	107	78	62	75	351	255	181
CFSM	.59	.52	.59	.53	.45	.35	.30	.35	1.01	3.29	2.69	.96
IN.	.67	.58	.68	.61	.47	.40	.34	.40	1.12	3.79	3.10	1.07
AC-FT	12,050	10,400	12,230	10,870	8,350	7,210	6,000	7,130	20,030	67,750	55,370	19,110

CAL YR 1973 TOTAL 122,622 MEAN 336 MAX 2,310 MIN 87 CFSM 1.00 IN 13.62 AC-FT 243,200
WTR YR 1974 TOTAL 119,238 MEAN 327 MAX 2,440 MIN 62 CFSM .98 IN 13.24 AC-FT 236,500

PEAK DISCHARGE (BASE, 1,700 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
7-03	1600	14.96	2,460	8-13	1200	14.78	2,470
8-06	0900	12.61	1,720				

02301600 Lithia Springs near Lithia, Fla.

LOCATION.--Lat 27°52'00", long 82°13'50", in SW quarter sec.17, T.30 S., R.21 E., Hillsborough County, 500 ft (150 m) upstream from Alafia River and 5.3 miles (8.5 km) northwest of Lithia.

PERIOD OF RECORD.--1934, 1935, 1941, 1943, 1946, 1954, 1960 (one discharge measurement in each year); April 1956 to September 1958; June 1966 to current year (discharge measurements only).

GAGE.--Reference point.

AVERAGE DISCHARGE.--77 measurements, 51.0 cfs (1.44 cu m/s), 33.0 mgd (124,900 cu m/d).

EXTREMES.--Period of record: Maximum discharge measured, 83 cfs (2.35 cu m/s) Oct. 3, 1967; minimum measured, 21 cfs (0.59 cu m/s) May 7, 1974.

REMARKS.--Total discharge of springs consists of discharge from a major spring and a minor spring into the Alafia River through separate runs and diversion by pumpage from the major spring pool. Discharge is affected by backwater from the Alafia River during medium and high stages.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Date	Major spring	Minor spring	Total flow measured	Diversion by pumping
Nov. 19	33.9	10.8	45	11.1
Jan. 7	24.9	7.63	33	13.8
Mar. 6	20.9			
Mar. 13	19.8	7.82	28	12.9
May 7	14.5	6.30	21	11.5

02301800 Sixmile Creek at Tampa, Fla.

LOCATION.--Lat 27°57'59", long 82°22'07", in NW quarter sec.13, T.29 S., R.19 E., Hillsborough County, near right bank on upstream side of bridge on State Highway 574, at southeastern city limits of Tampa, and 4.0 miles (6.4 km) upstream from mouth.

DRAINAGE AREA.--28 sq mi (73 sq km), approximately.

PERIOD OF RECORD.--September 1956 to January 1970; January 1970 to June 1971 (miscellaneous discharge measurements only); July 1971 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Dec. 10, 1958, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--16 years (1956-69, 72-74), 58.4 cfs (1.65 cu m/s), 28.32 in/yr (719 mm/yr).

EXTREMES.--Maximum discharge, 567 cfs (16.1 cu m/s) June 27 (gage height, 11.73 ft, 3.575 m); minimum daily discharge, 10 cfs (0.28 cu m/s) Nov. 17; minimum gage height, 6.40 ft (1.951 m) Sept. 23.
Period of record: Maximum discharge, 1,290 cfs (36.5 cu m/s) Sept. 11, 1960 (gage height, 11.47 ft, 3.496 m); no flow Aug. 26-28, 1972, May 11-15, 1973; minimum gage height, unknown (channel dry at gage for many days in 1972, 1973).

REMARKS.--Records poor. Channelization of Sixmile Creek for Tampa Bypass Canal, in progress since January 1970, was continued throughout the year; since March 1973, flow affected by control structure S-160, 0.7 mile (1.1 km) downstream.

REVISIONS (WATER YEARS).--WSP 1624: 1957, 58.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	49	30	66	47	26	24	22	22	207	120	143
2	34	36	31	64	46	28	24	23	22	227	173	140
3	32	34	31	63	46	28	24	23	24	204	408	155
4	32	33	31	59	44	29	24	23	23	187	200	123
5	32	33	32	50	44	28	23	23	52	174	294	83
6	31	32	31	27	44	27	23	24	40	166	286	306
7	31	33	32	33	44	26	22	24	30	185	267	221
8	31	32	40	44	46	25	22	23	19	148	251	228
9	31	32	38	30	44	26	24	23	40	167	235	288
10	30	31	35	39	43	26	24	22	57	203	220	167
11	30	30	34	57	41	27	23	22	35	146	206	129
12	30	31	33	57	40	26	23	21	30	124	256	105
13	30	32	33	57	40	26	24	22	40	130	258	92
14	31	60	34	57	39	26	23	22	34	109	220	84
15	31	42	35	57	38	26	24	22	29	93	116	78
16	32	25	39	57	39	26	24	24	34	81	126	75
17	31	10	37	57	38	26	25	32	36	78	176	72
18	30	24	36	42	37	26	24	34	34	107	384	71
19	50	33	36	50	36	26	23	28	32	104	260	69
20	15	32	44	52	34	26	23	26	30	81	206	68
21	28	32	66	20	34	26	23	25	27	71	175	67
22	30	32	28	54	34	25	23	24	28	66	155	65
23	30	32	38	54	33	25	23	24	27	64	176	63
24	30	32	38	53	32	30	23	25	32	68	146	63
25	30	32	37	53	30	29	23	23	71	75	126	64
26	30	32	36	52	29	28	23	23	289	109	107	64
27	31	32	59	51	28	26	23	24	502	171	96	69
28	31	32	88	50	28	25	22	24	260	208	94	75
29	30	29	76	50	------	24	22	27	178	206	162	72
30	30	30	71	49	------	24	22	24	162	167	160	68
31	30	------	68	48	------	25	------	23	------	134	150	------
TOTAL	958	979	1,297	1,552	1,078	817	697	749	2,239	4,260	6,209	3,367
MEAN	30.9	32.6	41.8	50.1	38.5	26.4	23.2	24.2	74.6	137	200	112
MAX	50	60	88	66	47	30	25	34	502	227	408	306
MIN	15	10	28	20	28	24	22	21	19	64	94	63
CFSM	1.10	1.16	1.49	1.79	1.38	.94	.83	.86	2.66	4.89	7.14	4.00
IN.	1.27	1.30	1.72	2.06	1.43	1.09	.93	1.00	2.97	5.66	8.25	4.47

CAL YR 1973 TOTAL 14,346.00 MEAN 39.3 MAX 198 MIN 0 CFSM 1.40 IN 19.06
WTR YR 1974 TOTAL 24,202.00 MEAN 66.3 MAX 502 MIN 10 CFSM 2.37 IN 32.15

02301802 Sixmile Creek at S-160, at Tampa, Fla.

LOCATION.--Lat 27°57'21", long 82°22'15", in SE quarter sec.14, T.29 S., R.19 E., Hillsborough County, at control structure S-160 on Tampa By-Pass Canal, at southeastern city limits of Tampa, and 3.4 miles (5.5 km) upstream from mouth.

DRAINAGE AREA.--29 sq mi (75 sq km), approximately.

PERIOD OF RECORD.--March to September 1974 (gage heights only).

GAGE.--Dual water-stage recorder. Datum of gage has not been determined.

EXTREMES.--Maximum gage height during period March to September 1974, 9.28 ft (2.829 m) May 18; minimum, 3.00 ft (0.914 m) July 4, Aug. 11

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							9.13	9.09	9.11	6.37	4.65	6.89
2							9.12	9.10	9.11	5.86	6.62	6.87
3							9.12	9.10	9.17	3.29	7.78	6.90
4							9.12	9.10	8.91	3.02	7.12	6.32
5							9.12	9.10	6.35	3.04	6.85	5.76
6							9.12	9.12	7.88	3.07	5.49	5.78
7						9.15	9.12	9.10	8.70	3.08	4.37	5.77
8						9.14	9.12	9.09	8.96	3.09	5.25	5.78
9						9.15	9.11	9.09	8.20	4.32	4.18	5.79
10						9.16	9.11	9.08	7.67	7.40	3.04	5.77
11						9.16	9.11	9.07	8.28	6.28	3.02	5.76
12						9.16	9.11	9.07	8.64	5.84	3.05	5.76
13						9.16	9.11	9.10	7.91	5.74	3.08	5.77
14						9.15	9.11	9.10	6.72	4.93	3.09	5.77
15						9.16	9.11	9.10	4.95	3.60	3.86	5.77
16						9.15	9.12	9.12	3.86	3.52	5.80	5.78
17						9.15	9.11	9.23	3.81	4.03	5.81	5.78
18						9.15	9.09	9.25	5.99	7.00	5.80	5.76
19						9.15	9.08	9.18	6.63	6.62	5.78	5.76
20						9.15	9.08	9.15	6.61	5.28	5.79	5.76
21						9.13	9.08	9.12	6.58	3.94	5.77	5.76
22						9.12	9.09	9.12	6.60	4.11	5.78	5.76
23						9.18	9.09	9.12	6.57	6.38	5.77	5.77
24						9.17	9.08	9.13	6.62	6.39	5.77	5.78
25						9.15	9.08	9.10	7.01	6.24	5.76	5.77
26						9.14	9.07	9.10	5.10	6.92	6.44	5.77
27						9.14	9.07	9.10	5.03	6.65	7.01	5.78
28						9.13	9.07	9.11	5.56	7.26	6.98	5.76
29					------	9.11	9.07	9.16	4.93	7.14	6.98	5.76
30					------	9.13	9.08	9.12	6.50	5.68	6.95	5.76
31		------			------	9.13	------	9.11	------	5.37	6.92	------
MEAN							9.10	9.12	6.93	5.21	5.50	5.90
MAX							9.13	9.25	9.17	7.40	7.78	6.90
MIN							9.07	9.07	3.81	3.02	3.02	5.76

02301870 Hillsborough River near Richland, Fla.

LOCATION.--Lat 28°15'32", long 82°06'20", in NW quarter sec.3, T.26 S., R.22 E., Polk County, near right bank on downstream side of bridge on State Highway 54, 1.0 mile (1.6 km) downstream from U. S. Highway 98, 1.8 miles (2.9 km) upstream from Fox Branch, 2.5 miles (4.0 km) southeast of Richland, and 54 miles (87 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1965 to current year (thrice weekly gage heights only).

GAGE.--Nonrecording gage read about thrice weekly. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Current year: Maximum gage height observed, 79.30 ft (24.171 m) July 8; minimum observed, 76.00 ft (23.165 m) May 6.
Period of record: Maximum gage height observed, 79.70 ft (24.293 m) Aug. 13, 1965; minimum, unknown (below 75.80 ft, 23.104 m, for some days in May 1967 and June 1972).

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77.96				77.39	77.27	77.24	76.21		78.68		
2		77.32		77.70							78.14	77.54
3			77.30				77.20	76.13	76.93	78.95		
4				77.68	77.37	77.26						77.48
5		77.28	77.27				77.24		76.87	79.14	78.08	
6					77.35	77.24		76.00				77.55
7		77.26	77.34	77.64					76.76		78.04	
8					77.33	77.22	77.04	76.42		79.30		
9		77.24		77.60							78.26	77.49
10			77.46				76.96	76.34	76.58	79.22		
11				77.58	77.34	77.19						77.46
12		77.20	77.43				76.90		76.74	79.00	78.09	
13					77.32	77.16		76.26				77.50
14		77.18	77.48	77.55					76.73		77.94	
15					77.30	77.10	76.97	76.45		78.64		
16		77.16		77.52								78.70
17			77.56				76.92	76.96	77.61	78.32		
18				77.52	77.30	77.03						78.65
19		77.38	77.54				76.84		77.14	78.03	77.64	
20					77.35	76.97		77.21				78.44
21		77.37	77.68	77.49					77.12		77.59	
22					77.33	76.99	76.66	77.16		77.69		
23		77.35		77.48							77.72	78.18
24	77.28		77.64				76.58	77.21	77.27	77.71		
25				77.46	77.31	77.33						77.96
26	77.23	77.38	77.60				76.46		77.86	77.70	77.68	
27					77.29	77.31		77.13				77.86
28		77.34	77.74	77.42					78.10		77.64	
29	77.20				------	77.28	76.28	77.12		77.81		
30		77.38		77.41	------			77.06		78.02	77.60	77.76
31	77.15	------	77.74		------		------	77.05	------	78.10		------

02301900 Fox Branch near Socrum, Fla.

LOCATION.--Lat 28°10'55", long 82°00'45", in NE quarter sec.33, T.26 S., R.23 E., Polk County, near center of span on upstream side of bridge on Rock Ridge Road, 1.1 miles (1.8 km) northeast of Socrum, 8.7 miles (14.0 km) upstream from mouth, and 10 miles (16 km) north of Lakeland.

DRAINAGE AREA.--9.5 sq mi (24.6 sq km), approximately.

PERIOD OF RECORD.--December 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 110.00 ft (33.528 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.--10 years (1964-74); 8.71 cfs (0.25 cu m/s), 12.45 in/yr (316 mm/yr), 6,310 acre-ft/yr (7.78 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 330 cfs (9.35 cu m/s) June 27, (gage height, 6.63 ft, 2.021 m); minimum, 0.86 cfs (0.024 cu m/s) Nov. 26, Dec. 1; minimum gage height, 2.83 ft (0.863 m) May 31, June 1, 2, 8, 9, 10, Sept. 3, 4.
Period of record: Maximum discharge, 685 cfs (19.4 cu m/s) Sept. 11, 1964 (gage height, 7.30 ft, 2.225 m); no flow at times in some years; minimum gage height, 2.71 ft (0.826 m) May 24-27, 1965.

REMARKS.--Records fair. Some diversion at times by pumpage for irrigation.

REVISIONS.--WRD Fla. 1969: 1968(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	8.2	.92	6.8	3.5	2.1	1.6	1.6	1.6	28	28	1.1
2	6.2	15	1.1	5.9	3.6	2.1	1.5	2.0	1.6	59	18	1.1
3	4.4	10	1.3	5.4	3.1	2.1	1.5	1.6	2.3	69	12	1.1
4	3.4	5.9	1.3	5.4	2.8	2.1	1.5	1.7	3.5	43	9.2	1.1
5	2.6	4.2	1.3	5.8	2.4	1.9	1.6	1.5	2.8	44	9.0	2.8
6	1.9	3.3	1.4	6.2	2.2	1.8	1.7	1.8	2.0	53	11	4.8
7	1.8	2.8	1.6	5.5	2.3	1.8	1.7	1.7	1.6	43	11	4.9
8	1.7	2.2	3.3	5.0	2.6	1.8	1.7	3.7	1.6	31	9.3	3.8
9	2.1	1.9	5.7	4.7	3.6	1.8	1.6	2.7	1.6	103	26	4.0
10	3.3	1.6	4.4	4.5	3.5	1.7	1.6	1.7	1.6	70	56	11
11	3.4	1.3	3.3	4.2	3.0	1.6	1.6	1.5	2.3	36	32	18
12	3.3	1.0	2.7	3.9	2.7	1.6	1.6	1.5	5.6	23	51	12
13	2.9	.98	2.5	5.4	4.5	1.5	1.6	1.5	6.1	16	90	6.7
14	2.3	1.0	2.8	9.6	2.5	1.5	1.8	1.5	3.7	12	53	6.5
15	2.0	1.0	4.1	9.8	2.5	1.5	1.6	1.6	2.3	9.6	29	49
16	1.9	1.2	5.0	7.3	2.2	1.5	1.5	5.7	2.6	7.8	17	57
17	1.8	1.4	4.8	5.8	2.9	1.5	1.4	8.3	4.5	6.4	11	32
18	1.7	1.4	4.0	5.1	2.8	1.5	1.4	6.6	8.9	5.5	8.6	25
19	1.6	1.3	3.6	4.5	2.4	1.5	1.4	4.2	6.9	7.6	6.7	15
20	1.6	1.4	4.9	4.1	2.6	1.5	1.4	2.5	4.5	10	5.8	8.6
21	1.5	1.3	13	3.8	2.8	1.5	1.3	1.7	3.2	7.7	5.6	5.8
22	1.4	1.3	13	3.7	2.6	2.9	1.3	1.6	3.0	6.1	6.2	4.5
23	1.4	1.2	8.8	3.7	2.3	4.8	1.4	1.8	3.1	5.5	5.3	3.7
24	1.3	1.0	7.3	3.7	2.0	7.1	1.4	3.2	6.1	9.3	4.6	3.4
25	1.3	1.0	6.5	3.7	1.8	6.6	1.4	3.9	17	19	3.5	13
26	1.3	.92	6.1	3.7	1.7	3.9	1.4	2.7	46	19	2.7	18
27	1.4	.92	7.5	3.4	1.6	2.7	1.4	1.9	213	15	2.2	18
28	1.4	1.0	16	3.0	1.7	2.2	1.4	2.1	222	11	1.8	63
29	1.5	1.0	15	2.9	------	2.1	1.4	2.0	70	16	1.6	68
30	1.5	.92	11	2.8	------	2.0	1.4	1.7	32	45	1.4	37
31	1.7	------	8.1	2.8	------	1.9	------	1.6	------	46	1.2	------
TOTAL	75.2	77.64	172.32	152.1	74.2	72.1	45.1	79.1	683.0	876.5	529.7	499.9
MEAN	2.43	2.59	5.56	4.91	2.65	2.33	1.50	2.55	22.8	28.3	17.1	16.7
MAX	9.6	15	16	9.8	4.5	7.1	1.8	8.3	222	103	90	68
MIN	1.3	.92	.92	2.8	1.6	1.5	1.3	1.5	1.6	5.5	1.2	1.1
CFSM	.26	.27	.59	.52	.28	.25	.16	.27	2.40	2.98	1.80	1.76
IN.	.29	.30	.67	.60	.29	.28	.18	.31	2.67	3.43	2.07	1.96
AC-FT	149	154	342	302	147	143	89	157	1,350	1,740	1,050	992

CAL YR 1973 TOTAL 4,073.60 MEAN 11.2 MAX 101 MIN .35 CFSM 1.18 IN 15.95 AC-FT 8,080
WTR YR 1974 TOTAL 3,336.86 MEAN 9.14 MAX 222 MIN .92 CFSM .96 IN 13.07 AC-FT 6,620

02301990 Hillsborough River above Crystal Springs, near Zephyrhills, Fla.

LOCATION.--Lat 28°11'07", long 82°11'03", in NW quarter sec.35, T.26 S., R.21 E., Pasco County, at right bank at upstream side of bridge on former State Highway 23, 0.2 mile (0.3 km) upstream from Crystal Springs, 1.5 miles (2.4 km) west of village of Crystal Springs, and 3 miles (4.8 km) south of Zephyrhills.

DRAINAGE AREA.--82 sq mi (212 sq km), approximately.

PERIOD OF RECORD.--July 1941 to August 1964 (fragmentary); September 1964 to current year (gage heights only), incomplete. Published since October 1963.

GAGE.--Nonrecording gage read once daily. Datum of gage is at mean sea level. Prior to Sept. 12, 1941, reference point at present site at elevation 63.30 ft (19.294 m); Sept. 12, 1941 to May 14, 1964, nonrecording gage at present site at datum 50.97 ft (15.536 m) higher.

EXTREMES.--Current year: Maximum gage height observed, 54.85 ft (16.718 m) Aug. 6; minimum observed, 51.58 ft (15.722 m) May 14. Period of record: Maximum gage height, unknown; minimum observed, 51.51 ft (15.700 m), present datum, June 25, 1956, May 9, 10, 1968.

REMARKS.--Discharge measurements made at this site are used in conjunction with those made below Crystal Springs (Station No. 02302000) to determine spring flow.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.00	52.60	51.94	52.60	51.98	51.80			51.70	53.85		
2	52.94	52.50	51.92	52.50	51.98	51.80			51.75	53.90		
3	52.88	52.40	51.90	52.46	51.96	51.78			52.40	53.90		
4	52.80	52.36	51.88	52.58	51.94	51.78			52.35	54.00		
5	52.70	52.32	51.88	52.50	51.92	51.78			52.40	54.05		
6	52.60	52.28	51.86	52.46	51.90	51.78			51.90	54.35		
7	52.54	52.24	52.16	52.42	51.88	51.76			51.80			
8	52.48	52.20	52.50	52.40	51.92	51.76			51.75			
9	52.42	52.16	52.40	52.36	51.90	51.76	51.66	51.65	51.70			
10	52.36	52.12	52.30	52.32	51.90	51.74			51.70			
11	52.30	52.08	52.20	52.30	51.88	51.74			51.80			
12	52.24	52.00	52.10	52.30	51.86	51.72			51.70			
13	52.18	51.94	52.00	52.28	51.84	51.72			51.70			52.48
14	52.16	51.90	51.98	52.26	51.82	51.70		51.58	51.70			
15	52.12	51.84	52.10	52.24	51.80	51.70		52.00	51.75			
16	52.10	51.80	52.14	52.22	51.80	51.68		52.50	52.00			
17	52.08	51.74	52.20	52.20	51.78	51.68		53.10	51.90			
18	52.04	51.72	52.26	52.16	51.78	51.68		53.30	51.85			
19	52.02	51.86	52.30	52.12	51.76	51.66		52.60	51.80			
20	52.00	51.98	52.50	52.12	51.76	51.66		52.30	51.80			
21	52.00	52.08	52.80	52.10	51.74	51.66		52.10	51.80			
22	51.98	52.18	52.94	52.10	51.78	51.86		52.00	51.75			
23	51.96	52.10	52.90	52.08	51.80	52.00		52.00	51.75			53.23
24	51.94	52.06	52.88	52.08	51.80	51.98		52.00	52.30			
25	51.92	52.00	52.86	52.06	51.80	51.96		52.00	53.70			
26	51.92	51.96	52.90	52.04	51.80	51.94		51.80	53.90			
27	51.90	51.94	53.00	52.04	51.80	51.90		51.90	54.85			
28	51.90	51.98	52.96	52.02	51.80	51.86		51.80	54.55			
29	51.88	52.00	52.90	52.02	------	51.82		51.80	54.10			
30	51.88	51.96	52.80	52.00	------	51.80		51.75	53.90	53.52		
31	51.86	------	52.70	52.00	------	51.80	------	51.70	------			------
MEAN	52.23	52.08	52.39	52.24	51.85	51.78			52.34			
MAX	53.00	52.60	53.00	52.60	51.98	52.00			54.85			
MIN	51.86	51.72	51.86	52.00	51.74	51.66			51.70			

CAL YR 1973 MEAN 52.37 MAX 53.75 MIN 51.58

02302000 Crystal Springs near Zephyrhills, Fla.

LOCATION.--Lat 28°10'30", long 82°11'20", in SE quarter sec.34, T.26 S., R.21 E., Pasco County, at left bank of Hillsborough River, 0.2 mile (0.3 km) downstream from Crystal Springs, 2.0 miles (3.2 km) west of village of Crystal Springs, and 4.0 miles (6.4 km) south of Zephyrhills.

PERIOD OF RECORD.--October 1934 to current year (discharge measurements only). Miscellaneous discharge measurements for some periods prior to October 1934.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Corps of Engineers bench mark). Prior to May 15, 1964, at present site at datum 34.67 ft (10.567 m) higher. Since Sept. 12, 1941, auxiliary nonrecording gage on Hillsborough River 0.2 mile (0.3 km) upstream from Crystal Springs. See WRD Fla. 1968 for history of changes and extremes prior to Jan. 19, 1953.

AVERAGE DISCHARGE.--308 measurements (1923, 1933, 1934-74), 59.9 cfs (1.70 cu m/s), 38.7 mgd (146,500 cu m/d).

EXTREMES.--Period of record: Maximum discharge measured, 147 cfs (4.16 cu m/s) July 19, 1941; minimum measured, 20 cfs (0.58 cu m/s) July 1, 1946.

REMARKS.--Spring discharge is the difference between discharge measurements of Hillsborough River made below and above Crystal Springs. Since 1945, flow regulated occasionally at springs outlet for recreational purposes.

REVISIONS (WATER YEARS).--WSP 1052: 1935, 1937-42, 1944, 1945.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Date	Hillsborough River Below springs	Hillsborough River Above springs	Difference or spring flow
Oct. 31	64.6	9.46	55
Dec. 14	65.2	15.0	50
Feb. 21	52.9	7.14	46
Apr. 9	48.1	6.28	42
June 3	66.7	15.6	51

02302100 Big Ditch near Crystal Springs, Fla.

LOCATION.--Lat 28°09'35", long 82°09'10", in SW quarter sec.6, T.27 S., R.22 E., Hillsborough County, 200 ft (60 m) east of State Highway 39, 1.5 miles (2.4 km) south of village of Crystal Springs, and 3.0 miles (4.8 km) upstream from mouth.

DRAINAGE AREA.--1.6 sq mi (4.1 sq km), approximately.

PERIOD OF RECORD.--April 1965 to September 1974 (discharge measurements only), discontinued.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

EXTREMES.--Period of record: Maximum discharge measured, 33 cfs (0.93 cu m/s) July 17, 1968; no flow observed Apr. 14, 1965, Oct. 18, 1972.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 31	3.8	Apr. 9	0.86
Dec. 14	4.4	June 3	3.2
Feb. 21	3.2		

02302500 Blackwater Creek near Knights, Fla.

LOCATION.--Lat 28°08'25", long 82°09'00", in NW quarter sec.18, T.27 S., R.22 E., Hillsborough County, on downstream side of center pier of bridge on State Highway 39, 2.0 miles (3.2 km) downstream from Itchepackesassa Creek, 4.4 miles (7.1 km) northwest of Knights, and 5.2 miles (8.4 km) upstream from mouth.

DRAINAGE AREA.--110 sq mi (285 sq km), approximately.

PERIOD OF RECORD.--January 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 70.56 ft (21.507 m) above mean sea level.

AVERAGE DISCHARGE.--23 years, 91.0 cfs (2.58 cu m/s), 11.24 in/yr (285 mm/yr), 65,930 acre-ft/yr (81.3 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 829 cfs (23.5 cu m/s) July 6 (gage height, 6.33 ft, 1.929 m); minimum, 5.6 cfs (0.16 cu m/s) May 13, 14; minimum gage height, 0.60 ft (0.183 m) Oct. 30.
Period of record: Maximum discharge, 5,400 cfs (153 cu m/s) Mar. 18, 1960 (gage height, 9.70 ft, 2.957 m); minimum, 0.55 cfs (0.016 cu m/s) May 5, 1967, Apr. 30, 1968; minimum gage height, 0.20 ft (0.061 m) Feb. 11, 1968 (affected by pumpage).

REMARKS.--Records fair. Several diversions above station for irrigation.

REVISIONS (WATER YEARS).--WRD Fla. 1969: 1953 (P).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	94	13	34	30	17	10	9.5	20	389	123	9.9
2	51	92	12	29	30	19	11	9.4	23	355	97	8.7
3	43	52	9.2	32	25	16	12	9.3	18	315	76	7.7
4	37	36	9.8	34	18	12	12	9.8	19	372	60	11
5	32	28	11	56	20	14	12	9.6	19	476	51	14
6	28	26	13	46	23	17	12	8.6	19	780	81	20
7	25	24	13	36	24	19	10	9.9	18	610	77	20
8	24	22	24	35	24	18	8.0	14	17	492	56	16
9	24	20	30	34	25	19	7.9	9.7	16	353	134	15
10	23	18	21	32	22	16	9.9	8.3	15	238	172	166
11	22	16	20	31	17	11	9.8	8.2	32	167	226	180
12	21	14	19	29	21	13	9.9	7.0	33	115	292	62
13	20	14	19	40	22	16	11	6.0	29	97	305	41
14	16	14	21	44	22	18	10	7.7	26	73	187	47
15	16	15	23	44	22	17	8.9	34	24	59	115	220
16	15	16	20	39	24	16	7.9	38	29	50	103	209
17	16	16	18	36	22	15	11	106	35	43	87	114
18	16	12	22	34	16	10	11	92	33	37	67	79
19	15	11	22	32	18	11	11	29	29	54	51	56
20	15	15	39	29	24	15	10	20	30	47	45	44
21	13	16	69	23	22	16	9.0	18	31	35	42	36
22	11	15	46	25	23	25	6.6	18	29	32	36	29
23	12	11	34	27	23	60	6.8	19	25	77	42	23
24	13	12	26	27	19	47	9.4	19	29	63	40	28
25	12	12	24	26	14	33	9.8	19	52	50	33	59
26	13	9.6	22	25	16	30	11	16	108	44	26	49
27	12	11	39	23	17	27	10	16	631	37	21	50
28	9.6	13	66	17	18	23	8.2	16	665	46	18	79
29	9.0	13	64	19	------	21	6.2	18	445	195	15	66
30	10	14	49	23	------	19	7.0	20	321	345	15	52
31	11	------	40	25	------	14	------	19	------	202	12	------
TOTAL	645.6	681.6	858.0	986	601	624	289.3	644.0	2,820	6,248	2,705	1,811.3
MEAN	20.8	22.7	27.7	31.8	21.5	20.1	9.64	20.8	94.0	202	87.3	60.4
MAX	61	94	69	56	30	60	12	106	665	780	305	220
MIN	9.0	9.6	9.2	17	14	10	6.2	6.0	15	32	12	7.7
CFSM	.19	.21	.25	.29	.20	.18	.09	.19	.85	1.84	.79	.55
IN.	.22	.23	.29	.33	.20	.21	.10	.22	.95	2.11	.91	.61
AC-FT	1,280	1,350	1,700	1,960	1,190	1,240	574	1,280	5,590	12,390	5,370	3,590

CAL YR 1973 TOTAL 21,798.0 MEAN 59.7 MAX 638 MIN 5.1 CFSM .54 IN 7.37 AC-FT 43,240
WTR YR 1974 TOTAL 18,913.8 MEAN 51.8 MAX 780 MIN 6.0 CFSM .47 IN 6.40 AC-FT 37,520

PEAK DISCHARGE (BASE, 1,000 CFS).--No peak above base.

02302500 Blackwater Creek near Knights, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.72	2.03	.73	1.31	1.25	.95	.84	.81	1.01	4.32	2.44	.87
2	1.56	2.10	.75	1.20	1.25	.99	.85	.80	1.08	4.11	2.18	.94
3	1.43	1.58	.66	1.28	1.15	.92	.80	.80	.95	3.85	1.96	.80
4	1.33	1.32	.68	1.32	.98	.91	.89	.82	.98	4.21	1.76	.91
5	1.24	1.15	.73	1.64	1.02	.85	.69	.81	.99	4.81	1.65	.98
6	1.15	1.10	.78	1.48	1.11	.95	.89	.77	.97	6.16	2.01	1.13
7	1.08	1.07	.80	1.32	1.12	.99	.83	.82	.94	5.48	1.97	1.11
8	1.05	1.02	1.09	1.31	1.13	.98	.75	.96	.92	4.91	1.72	1.04
9	1.06	.98	1.23	1.28	1.16	.99	.74	.81	.89	4.09	2.50	1.01
10	1.03	.93	1.02	1.25	1.06	.91	.82	.76	.86	3.34	2.87	2.73
11	1.01	.86	1.00	1.25	.95	.77	.82	.76	1.26	2.80	3.28	2.91
12	.99	.82	.97	1.22	1.04	.81	.82	.70	1.29	2.34	3.73	1.74
13	.95	.82	.97	1.41	1.08	.92	.84	.65	1.22	2.13	3.81	1.50
14	.87	.82	1.02	1.48	1.08	.96	.83	.73	1.14	1.84	2.99	1.59
15	.86	.85	1.06	1.48	1.07	.94	.78	1.24	1.11	1.63	2.36	3.21
16	.84	.87	1.00	1.40	1.11	.92	.74	1.32	1.21	1.49	2.24	3.15
17	.86	.85	.95	1.36	1.07	.87	.87	1.82	1.33	1.38	2.08	2.35
18	.86	.75	1.05	1.32	.91	.73	.85	2.02	1.30	1.29	1.85	1.99
19	.84	.72	1.05	1.29	.97	.74	.86	1.19	1.22	1.56	1.64	1.72
20	.82	.84	1.32	1.21	1.11	.89	.84	.99	1.23	1.45	1.56	1.55
21	.75	.86	1.83	1.09	1.08	.91	.79	.96	1.26	1.25	1.51	1.42
22	.71	.83	1.50	1.15	1.10	1.14	.69	.95	1.22	1.19	1.42	1.30
23	.74	.72	1.28	1.19	1.11	1.69	.69	.97	1.11	1.88	1.52	1.20
24	.76	.76	1.12	1.18	1.01	1.51	.80	.99	1.21	1.70	1.49	1.28
25	.74	.75	1.07	1.17	.85	1.30	.82	.97	1.62	1.50	1.37	1.76
26	.75	.67	1.04	1.15	.92	1.25	.85	.91	2.26	1.40	1.24	1.62
27	.73	.73	1.36	1.10	.94	1.21	.84	.89	5.53	1.28	1.14	1.63
28	.65	.79	1.78	.96	.98	1.12	.75	.90	5.70	1.42	1.07	1.99
29	.63	.80	1.76	1.01	------	1.11	.66	.96	4.66	2.97	1.01	1.85
30	.67	.80	1.55	1.09	------	1.09	.70	1.01	3.89	4.04	1.01	1.66
31	.70	------	1.39	1.15	------	.95	------	.98	------	3.09	.94	------
MEAN	.95	.97	1.12	1.26	1.06	1.01	.81	.97	1.68	2.74	1.95	1.63
MAX	1.72	2.10	1.83	1.64	1.25	1.69	.90	2.02	5.70	6.16	3.81	3.21
MIN	.63	.67	.66	.96	.85	.73	.66	.65	.86	1.19	.94	.80

CAL YR 1973 MEAN 1.48 MAX 5.72 MIN .63
WTR YR 1974 MEAN 1.35 MAX 6.16 MIN .63

02303000 Hillsborough River near Zephyrhills, Fla.

LOCATION.--Lat 28°08'59", long 82°13'57", in W half sec.8, T.27 S., R.21 E., Hillsborough County, on left bank 30 ft (9 m) downstream from footbridge in Hillsborough River State Park, 1.2 miles (1.9 km) downstream from Blackwater Creek, 6.5 miles (10.5 km) southwest of Zephyrhills, and 40 miles (64 km) upstream from mouth.

DRAINAGE AREA.--220 sq mi (570 sq km), approximately.

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 33.28 ft (10.144 m) above mean sea level (Corps of Engineers bench mark). Prior to Mar. 22, 1963, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--35 years, 275 cfs (7.79 cu m/s), 199,200 acre-ft/yr (246 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 2,200 cfs (62.3 cu m/s) June 27 (gage height, 9.95 ft, 3.033 m); minimum, 64 cfs (1.81 cu m/s) Apr. 30, May 1 (gage height, 0.76 ft, 0.232 m).
Period of record: Maximum discharge, 12,600 cfs (357 cu m/s) Mar. 18, 1960 (gage height, 15.33 ft, 4.673 m); minimum discharge observed, 48 cfs (1.36 cu m/s) June 11-17, 1945; minimum gage height, 0.71 ft (0.216 m) May 2, 3, 4, 1968, June 7, 8, 9, 10, 1972.

REMARKS.--Records fair. Records include high-water diversions above station from the Withlacoochee River basin through Withlacoochee-Hillsborough overflow near Richland (station no. 02311000).

REVISIONS.--WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	252	255	85	196	109	88	84	67	85	770	410	116
2	225	237	85	175	109	86	80	68	90	740	535	107
3	202	174	84	160	105	86	81	67	94	682	860	116
4	182	142	82	165	98	85	81	67	110	870	500	113
5	164	125	81	183	96	82	81	67	102	1,140	408	124
6	148	117	82	177	96	84	81	68	94	1,270	415	273
7	136	112	84	155	98	86	79	69	88	1,310	385	285
8	129	108	115	144	99	86	77	81	85	1,120	341	311
9	125	105	137	140	100	86	74	78	82	1,100	350	263
10	124	101	119	134	98	84	74	70	79	1,060	432	321
11	119	99	108	130	94	82	75	68	87	945	482	375
12	115	95	104	127	93	79	75	68	97	800	548	246
13	111	92	101	131	94	81	76	66	91	695	694	204
14	107	91	104	138	94	82	78	65	86	580	528	245
15	105	92	105	136	93	83	75	100	87	482	398	314
16	102	91	113	131	95	81	74	232	106	410	372	358
17	101	92	119	127	95	80	76	160	106	342	370	284
18	100	90	114	122	91	77	76	578	99	295	330	288
19	97	98	112	119	88	74	75	237	95	281	276	274
20	96	102	174	116	93	76	74	138	92	250	245	259
21	94	99	306	111	95	79	73	111	90	198	233	241
22	91	96	211	108	94	93	70	100	88	171	217	218
23	90	92	170	109	95	131	69	101	84	230	207	194
24	89	89	148	109	93	138	70	110	97	238	209	179
25	88	89	135	108	89	122	71	102	312	290	198	196
26	85	88	127	106	86	108	71	95	880	222	185	187
27	83	86	200	105	87	103	71	92	2,000	210	167	183
28	83	86	375	101	86	98	70	92	2,020	276	148	230
29	81	87	291	98	------	97	67	91	1,300	467	135	254
30	83	86	250	99	------	96	65	91	880	668	133	203
31	83	------	222	102	------	91	------	89	------	515	126	------
TOTAL	3,690	3,316	4,543	4,062	2,663	2,804	2,243	3,488	9,606	18,627	10,837	6,961
MEAN	119	111	147	131	95.1	90.5	74.8	113	320	601	350	232
MAX	252	255	375	196	109	138	84	578	2,020	1,310	860	375
MIN	81	86	81	98	86	74	65	65	79	171	126	107
AC-FT	7,320	6,580	9,010	8,060	5,280	5,560	4,450	6,920	19,050	36,950	21,500	13,810

CAL YR 1973 TOTAL 68,874 MEAN 189 MAX 1,090 MIN 74 AC-FT 136,600
WTR YR 1974 TOTAL 72,840 MEAN 200 MAX 2,020 MIN 65 AC-FT 144,500

PEAK DISCHARGE (BASE, 1,500 CFS).--June 27 (2045) 2200 cfs (9.95 ft).

02303000 Hillsborough River near Zephyrhills, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.13	2.16	.92	1.80	1.17	.98	.95	.79	.95	4.58	2.96	1.22
2	1.96	2.04	.92	1.66	1.17	.97	.91	.80	1.00	4.46	3.50	1.15
3	1.81	1.62	.91	1.55	1.13	.97	.92	.79	1.04	4.20	4.97	1.22
4	1.67	1.42	.89	1.59	1.08	.95	.92	.79	1.18	4.97	3.41	1.20
5	1.55	1.25	.88	1.71	1.05	.93	.92	.79	1.11	6.12	2.95	1.29
6	1.44	1.18	.89	1.67	1.06	.95	.92	.80	1.03	6.67	2.99	2.28
7	1.34	1.14	.91	1.51	1.07	.96	.90	.81	.99	6.81	2.84	2.37
8	1.28	1.11	1.17	1.44	1.08	.96	.88	.92	.95	6.02	2.61	2.52
9	1.25	1.08	1.35	1.40	1.09	.96	.86	.89	.93	5.95	2.66	2.25
10	1.24	1.05	1.20	1.36	1.07	.95	.86	.82	.90	5.82	3.09	2.57
11	1.20	1.03	1.11	1.33	1.04	.93	.86	.80	.97	5.33	3.32	2.87
12	1.17	1.00	1.08	1.31	1.02	.90	.87	.80	1.07	4.70	3.65	2.14
13	1.13	.98	1.05	1.34	1.04	.91	.87	.78	1.01	4.25	4.31	1.86
14	1.10	.97	1.07	1.39	1.04	.92	.89	.77	.96	3.72	3.56	2.13
15	1.08	.97	1.09	1.38	1.03	.94	.86	1.06	.97	3.26	2.94	2.52
16	1.06	.97	1.15	1.34	1.04	.92	.86	2.02	1.15	2.87	2.80	2.78
17	1.05	.97	1.20	1.30	1.05	.91	.87	1.51	1.15	2.51	2.78	2.37
18	1.04	.96	1.16	1.27	1.01	.88	.88	3.89	1.08	2.25	2.57	2.39
19	1.02	1.02	1.14	1.25	.99	.86	.87	2.08	1.04	2.18	2.29	2.31
20	1.01	1.06	1.56	1.22	1.02	.88	.86	1.39	1.02	2.03	2.11	2.22
21	.99	1.04	2.49	1.18	1.04	.90	.85	1.19	1.00	1.78	2.04	2.11
22	.97	1.01	1.90	1.16	1.04	1.03	.82	1.09	.98	1.63	1.95	1.95
23	.96	.98	1.62	1.17	1.05	1.34	.81	1.10	.95	1.97	1.88	1.79
24	.95	.95	1.46	1.17	1.03	1.39	.82	1.18	1.06	2.03	1.89	1.69
25	.94	.95	1.37	1.16	.99	1.27	.83	1.11	2.52	2.32	1.82	1.81
26	.92	.94	1.31	1.15	.96	1.16	.83	1.05	4.65	1.94	1.73	1.74
27	.90	.92	1.80	1.13	.98	1.12	.83	1.02	9.21	1.86	1.60	1.71
28	.90	.93	2.87	1.10	.97	1.07	.82	1.02	9.29	2.23	1.47	2.03
29	.88	.93	2.41	1.07	------	1.06	.79	1.01	6.83	3.21	1.37	2.19
30	.90	.92	2.17	1.08	------	1.06	.77	1.01	5.03	4.20	1.35	1.85
31	.90	------	1.98	1.11	------	1.01	------	.99	------	3.49	1.30	------
MEAN	1.19	1.12	1.39	1.33	1.05	1.00	.86	1.13	2.07	3.72	2.60	2.02
MAX	2.13	2.16	2.87	1.80	1.17	1.39	.95	3.89	9.29	6.81	4.97	2.87
MIN	.88	.92	.88	1.07	.96	.86	.77	.77	.90	1.63	1.30	1.15

CAL YR 1973 MEAN 1.61 MAX 5.87 MIN .81
WTR YR 1974 MEAN 1.63 MAX 9.29 MIN .77

02303100 New River near Zephyrhills, Fla.

LOCATION.--Lat 28°09'55", long 82°15'55", in NW quarter sec.1, T.27 S., R.20 E., Hillsborough County, near left bank 100 ft (30 m) upstream from bridge on State Highway 579, 1.4 miles (2.3 km) upstream from small tributary, 1.8 miles (2.9 km) upstream from mouth, and 7 miles (11 km) southwest of Zephyrhills.

DRAINAGE AREA.--15 sq mi (39 sq km), approximately.

PERIOD OF RECORD.--February 1964 to September 1974 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft (15.240 m) above mean sea level (Corps of Engineers bench mark).

AVERAGE DISCHARGE.-10 years, 8.98 cfs (0.25 cu m/s), 8.13 in/yr (207 mm/yr), 6,500 acre-ft/yr (8.03 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 255 cfs (7.22 cu m/s) June 27 (gage height 9.50 ft, 2.896 m); no flow for many days; minimum gage height, 2.66 ft (0.811 m) Apr. 26.
Period of record: Maximum discharge, 269 cfs (7.62 cu m/s) Sept. 12, 1964; maximum gage height, that of June 27, 1974; no flow for many days each year; minimum gage height, 1.70 ft (0.518 m), estimated, June 29, 30, July 1-3, 1967.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	3.2	.02	55	.98	0	2.9	.08	0	88	39	8.4
2	21	2.1	.02	37	.83	0	1.7	.12	0	62	51	14
3	17	2.0	.03	26	.53	0	.94	.11	.25	39	91	17
4	14	1.7	.03	22	.40	0	.55	.09	.15	44	89	12
5	11	1.4	.03	19	.30	0	.31	.06	.01	89	83	14
6	9.6	1.2	.03	16	.22	0	.15	.19	.01	96	82	120
7	8.0	.94	.12	15	.17	0	.05	.22	.01	94	96	134
8	7.0	.78	1.9	14	.13	0	.02	.17	0	72	89	133
9	6.2	.63	2.4	13	.10	0	.01	.13	0	51	66	107
10	5.9	.49	2.9	12	.07	0	0	0	0	38	45	87
11	6.3	.40	2.9	10	.05	0	0	0	.03	31	30	67
12	6.7	.33	2.7	9.7	.03	0	0	.02	.02	31	34	50
13	6.6	.25	2.3	9.9	.02	0	0	0	0	30	60	38
14	6.2	.21	2.5	8.6	.01	0	0	.01	0	23	34	36
15	5.6	.17	2.8	7.6	.01	.06	0	1.9	.02	18	24	29
16	5.0	.15	4.8	7.0	0	0	0	.23	.03	14	22	41
17	4.4	.11	4.9	6.6	0	0	0	2.3	.01	11	19	55
18	3.6	.08	3.3	6.3	0	0	0	.35	.01	13	16	66
19	3.0	.06	3.5	6.0	.04	0	0	.02	.02	14	14	54
20	2.4	.05	12	5.6	.11	0	0	.01	.01	14	13	38
21	1.9	.05	19	5.2	.09	0	0	0	0	14	14	27
22	1.5	.04	18	4.7	.07	.11	0	0	0	14	13	20
23	1.2	.03	21	4.1	.05	.08	0	.01	.01	15	15	16
24	.85	.03	22	3.6	.04	.03	0	.01	1.8	15	30	13
25	.64	.03	20	3.2	.03	0	0	0	13	24	29	12
26	.50	.03	17	2.8	.02	2.1	0	0	63	28	22	11
27	.40	.03	36	2.6	.01	7.2	.01	.01	239	25	19	10
28	.30	.03	47	2.1	.01	9.4	.01	0	241	26	15	11
29	.23	.03	73	1.7	------	8.2	.03	0	190	32	13	12
30	.18	.03	110	1.3	------	6.5	.05	0	129	42	13	11
31	.15	------	81	1.1	------	4.6	------	0	------	41	11	------
TOTAL	181.35	16.58	513.18	338.7	4.32	38.28	6.73	6.04	877.39	1,148	1,191	1,263.4
MEAN	5.85	.55	16.6	10.9	.15	1.23	.22	.19	29.2	37.0	38.4	42.1
MAX	24	3.2	110	55	.98	9.4	2.9	2.3	241	96	96	134
MIN	.15	.03	.02	1.1	0	0	0	0	0	11	11	8.4
CFSM	.39	.04	1.11	.73	.01	.08	.01	.01	1.95	2.47	2.56	2.81
IN.	.45	.04	1.27	.84	.01	.09	.02	.01	2.18	2.85	2.95	3.13
AC-FT	360	33	1,020	672	8.6	76	13	12	1,740	2,280	2,360	2,510

CAL YR 1973 TOTAL 2,601.96 MEAN 7.13 MAX 110 MIN 0 CFSM .48 IN 6.45 AC-FT 5,160
WTR YR 1974 TOTAL 5,584.97 MEAN 15.3 MAX 241 MIN 0 CFSM 1.02 IN 13.85 AC-FT 11,080

02303100 New River near Zephyrhills, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.86	4.16	3.50	6.69	3.87	3.50	4.14	3.76	3.40	7.85	6.73	5.06
2	5.70	4.03	3.50	6.24	3.84	3.49	3.99	3.78	3.41	7.33	7.03	5.33
3	5.52	4.03	3.50	5.85	3.76	3.49	3.86	3.78	3.55	6.74	7.92	5.75
4	5.32	3.99	3.50	5.65	3.72	3.49	3.76	3.76	3.59	6.77	7.89	5.38
5	5.13	3.93	3.50	5.51	3.69	3.49	3.69	3.75	3.47	7.89	7.77	5.49
6	4.96	3.90	3.50	5.37	3.66	3.49	3.62	3.82	3.44	7.99	7.75	8.31
7	4.81	3.86	3.57	5.30	3.63	3.48	3.56	3.85	3.43	7.97	8.01	8.48
8	4.68	3.82	3.99	5.24	3.61	3.48	3.52	3.83	3.41	7.55	7.89	8.47
9	4.60	3.79	4.09	5.14	3.59	3.48	3.49	3.79	3.40	7.08	7.43	8.15
10	4.55	3.75	4.15	5.04	3.58	3.48	3.45	3.59	3.41	6.71	6.91	7.85
11	4.59	3.72	4.15	4.94	3.55	3.48	3.41	3.60	3.51	6.44	6.41	7.46
12	4.63	3.70	4.11	4.88	3.51	3.47	3.40	3.66	3.45	6.45	6.45	7.06
13	4.61	3.67	4.07	4.89	3.48	3.46	3.40	3.61	3.42	6.40	7.29	6.70
14	4.55	3.65	4.09	4.79	3.45	3.45	3.41	3.64	3.41	6.09	6.56	6.64
15	4.49	3.63	4.13	4.68	3.42	3.51	3.38	3.95	3.45	5.79	6.11	6.38
16	4.41	3.62	4.38	4.62	3.39	3.43	3.40	3.63	3.49	5.53	6.05	6.81
17	4.33	3.60	4.48	4.57	3.36	3.37	3.41	3.88	3.45	5.34	5.87	7.17
18	4.24	3.58	4.49	4.54	3.33	3.27	3.39	3.65	3.43	5.44	5.68	7.45
19	4.15	3.57	4.51	4.50	3.45	3.16	3.36	3.47	3.46	5.54	5.54	7.15
20	4.08	3.56	5.01	4.46	3.60	3.02	3.31	3.43	3.43	5.55	5.50	6.67
21	4.01	3.54	5.52	4.41	3.59	3.01	3.25	3.41	3.41	5.55	5.53	6.24
22	3.95	3.53	5.49	4.36	3.58	3.60	3.17	3.40	3.41	5.58	5.49	5.90
23	3.89	3.52	5.60	4.29	3.56	3.58	3.12	3.44	3.42	5.59	5.61	5.65
24	3.84	3.52	5.65	4.24	3.55	3.52	3.08	3.45	4.09	5.63	6.38	5.46
25	3.79	3.51	5.58	4.19	3.53	3.48	2.94	3.42	5.39	6.11	6.36	5.33
26	3.75	3.51	5.42	4.13	3.52	3.93	2.93	3.40	7.07	6.31	6.03	5.23
27	3.72	3.51	6.08	4.11	3.51	4.63	3.59	3.42	9.39	6.17	5.85	5.18
28	3.69	3.51	6.53	4.04	3.50	4.85	3.63	3.41	9.40	6.21	5.59	5.23
29	3.66	3.52	6.98	3.98	------	4.74	3.67	3.40	9.02	6.49	5.44	5.30
30	3.64	3.50	7.51	3.92	------	4.56	3.72	3.40	8.42	6.82	5.48	5.23
31	3.62	------	7.14	3.89	------	4.34	------	3.39	------	6.79	5.26	------
MEAN	4.41	3.69	4.77	4.79	3.57	3.64	3.47	3.61	4.40	6.44	6.45	6.42
MAX	5.86	4.16	7.51	6.69	3.87	4.85	4.14	3.95	9.40	7.99	8.01	8.48
MIN	3.62	3.50	3.50	3.89	3.33	3.01	2.93	3.39	3.40	5.34	5.26	5.06

CAL YR 1973 MEAN 4.21 MAX 7.51 MIN 2.03
WTR YR 1974 MEAN 4.65 MAX 9.40 MIN 2.93

02303271 Baker Creek near Thonotosassa, Fla.

LOCATION.--Lat 28°02'52", long 82°16'04", in NW quarter sec.13, T.28 S., R.20 E., Hillsborough County, near center of span on downstream side of bridge on State Highway 580, 0.3 mile (0.5 km) upstream from Lake Thonotosassa, 1.6 miles (2.6 km) southeast of Thonotosassa, and 4.4 miles (7.1 km) upstream from Hillsborough River.

DRAINAGE AREA.--58 sq mi (150 sq km), approximately.

PERIOD OF RECORD.--March to August 1970 (miscellaneous discharge measurements only); August 1970 to current year (gage heights and periodic discharge measurements only), incomplete.

GAGE.--Water-stage recorder. Datum of gage is 32.44 ft (9.888 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Current year: Maximum gage height, 5.97 ft (1.820 m) July 7; minimum, 1.90 ft (0.579 m) April 29, but may have been lower during May.

Period of record: Maximum discharge measured, that of July 12, 1974; maximum gage height, that of July 7, 1974; minimum discharge measured, 2.1 cfs (0.059 cu m/s) Jan. 18, 1971; minimum gage height, 1.56 ft (0.475 m) May 7, 1972.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 30	13	June 4	18
Feb. 20	18	July 12	111
Apr. 10	12	Sept. 27	30

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		3.59	2.62	3.53	3.12	2.61	2.50	2.26		5.44	4.88	
2		3.89	2.57	3.42	2.96	2.58	2.54			5.61	4.94	
3		3.73	2.48	3.39	2.76	2.49	2.63			5.64	5.33	
4		3.53	2.47	3.44	2.69	2.41	2.60		2.66	5.57	5.30	
5		3.35	2.53	3.44	2.69	2.45	2.58			5.56	5.21	
6		3.20	2.61	3.35	2.74	2.53	2.56			5.77	5.40	
7		3.15	2.66	3.25	2.72	2.49	2.35			5.96	5.42	
8		3.11	2.92	3.23	2.81	2.51	2.25			5.85	5.24	
9		3.05	3.15	3.24	2.93	2.47	2.31			5.75	5.04	
10		3.01	3.02	3.20	2.77	2.39	2.37			5.58	4.91	
11		2.86	2.95	3.16	2.62	2.31	2.35			5.38	4.75	
12		2.76	2.95	3.11	2.66	2.39	2.35			5.12	4.60	
13		2.74	2.95	3.05	2.76	2.43	2.27		2.89	4.93	4.57	
14		2.80	2.94	2.98	2.74	2.40	2.23		2.85	4.72	4.48	
15		2.81	2.95	2.98	2.71	2.40	2.15		2.82	4.51	4.33	
16		2.80	3.01	3.00	2.72	2.40	2.26		2.98	4.33	4.50	
17		2.81	3.03	2.98	2.68	2.29	2.43		3.11	4.23	4.79	
18		2.73	2.99	2.93	2.55	2.19	2.44		3.02	4.25	4.90	
19	2.80	2.79	3.02	2.89	2.60	2.24	2.42		2.97	4.18	4.75	
20	2.78	2.93	3.36	2.84	2.78	2.39	2.35		2.98	4.08	4.61	
21	2.73	2.88	4.09	2.78	2.74	2.42	2.19		2.95	3.94	4.55	
22	2.65	2.87	3.99	2.80	2.71	2.80	2.02		2.88	3.83		
23	2.63	2.77	3.86	2.84	2.73	3.18	2.16		2.74	3.71		
24	2.64	2.70	3.71	2.84	2.59	3.08	2.37		2.83	3.61		
25	2.63	2.64	3.57	2.85	2.48	2.95	2.30		3.51	3.71		
26	2.62	2.59	3.45	2.84	2.52	2.88	2.30		4.13	3.91		
27	2.61	2.58	3.58	2.76	2.63	2.89	2.29		5.13	3.92		3.24
28	2.51	2.63	3.85	2.68	2.62	2.81	2.03		5.51	4.24		
29	2.46	2.66	3.85	2.71	------	2.80	1.92		5.63	4.68		
30	2.48	2.63	3.76	2.76	------	2.79	2.05		5.53	5.01		
31	2.52	------	3.63	2.85	------	2.65	------		------	4.98		------
MEAN		2.95	3.18	3.04	2.72	2.57	2.32			4.77		
MAX		3.89	4.09	3.53	3.12	3.18	2.63			5.96		
MIN		2.58	2.47	2.68	2.48	2.19	1.92			3.61		

02303300 Flint Creek near Thonotosassa, Fla.

LOCATION.--Lat 28°04'04", long 82°16'04", in NW quarter sec.12, T.28 S., R.20 E., HIllsborough County, on right bank 40 ft (12 m) upstream from stoplog control, 50 ft (15 m) upstream from bridge, 500 ft (165 m) downstream from Lake Thonotosassa, 2.0 miles (3.2 km) northeast (correction) of Thonotosassa, and 2.8 miles (4.5 km) upstream from mouth.

DRAINAGE AREA.--60 sq mi (150 sq km), approximately.

PERIOD OF RECORD.--September 1956 to December 1958; March to September 1970 (discharge measurements only); October 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 32.15 ft (9.799 m) above mean sea level.

AVERAGE DISCHARGE.--6 years (1957-58, 1971-74), 43.4 cfs (1.23 cu m/s), 9.82 in/yr (249 mm/yr), 31,440 acre-ft/yr (38.8 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 353 cfs (10.0 cu m/s) July 8 (gage height, 3.85 ft, 1.173 m); minimum daily discharge, 0.63 cfs (0.02 cu m/s) May 14; minimum gage height, 1.93 ft (0.588 m) May 15.
Period of record: Maximum discharge, that of July 8, 1974; maximum gage height, 4.37 ft (1.332 m) Aug. 9, 1957; no flow June 7-24, 1958; minimum gage height, 1.85 ft (0.564 m) May 7, 1972.

REMARKS.--Records fair. Flow regulated by manipulation of stoplogs in control and affected by stoplog leakage and hyacinth jams.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	18	11	52	15	8.0	11	1.3	1.8	118	156	46
2	60	22	10	49	15	8.0	9.4	1.3	2.7	140	211	52
3	55	26	10	46	15	7.9	8.4	1.2	4.0	160	233	69
4	48	29	10	47	13	7.7	8.2	1.2	4.0	154	236	72
5	45	30	9.9	47	12	7.5	7.9	1.1	4.2	150	226	72
6	39	29	10	45	11	7.5	6.8	1.1	4.4	166	206	71
7	35	29	10	42	12	7.4	5.7	1.0	4.6	200	185	69
8	31	29	15	39	12	7.5	5.4	.94	5.4	322	163	68
9	29	28	17	37	12	7.3	4.8	.92	5.2	305	146	68
10	26	26	17	36	11	7.1	4.3	.90	5.0	239	133	72
11	24	23	17	34	11	6.8	3.9	.85	6.8	192	121	69
12	23	22	16	32	10	6.5	3.8	.85	6.8	139	122	65
13	21	20	16	30	10	6.1	3.7	.68	6.2	102	127	62
14	19	19	17	29	10	5.5	3.7	.63	5.6	74	156	60
15	18	19	19	27	10	5.3	3.5	.69	5.2	59	163	58
16	18	18	23	26	11	5.5	3.5	.86	4.8	57	154	53
17	17	18	22	25	12	5.1	3.5	1.4	5.4	55	152	48
18	15	17	21	23	11	4.7	3.3	2.4	6.4	56	150	44
19	14	18	20	22	11	4.6	3.2	2.6	6.6	57	143	40
20	13	18	24	21	11	4.5	3.0	2.6	6.4	54	133	35
21	12	17	33	20	11	4.7	2.7	2.5	6.1	51	121	33
22	12	17	35	19	11	8.6	2.4	2.4	5.9	50	108	32
23	12	16	39	18	11	14	2.3	2.6	5.7	46	97	33
24	11	16	42	17	10	16	2.2	2.8	6.4	41	84	37
25	10	15	42	17	9.5	17	2.0	2.9	15	38	74	40
26	10	14	42	16	8.3	16	1.8	2.9	36	37	66	42
27	9.9	13	49	16	8.0	15	1.7	2.7	91	39	58	45
28	9.8	13	55	15	7.9	15	1.6	2.4	113	48	53	48
29	9.6	12	56	14	------	14	1.5	2.3	111	69	50	49
30	8.7	11	55	13	------	13	1.4	2.1	110	92	45	46
31	8.6	------	54	14	------	12	------	1.9	------	103	43	------
TOTAL	730.6	602	816.9	888	311.7	275.8	126.6	52.02	601.6	3,413	4,115	1,598
MEAN	23.6	20.1	26.4	28.6	11.1	8.90	4.22	1.68	20.1	110	133	53.3
MAX	67	30	56	52	15	17	11	2.9	113	322	236	72
MIN	8.6	11	9.9	13	7.9	4.5	1.4	.63	1.8	37	43	32
CFSM	.39	.34	.44	.48	.19	.15	.07	.03	.34	1.83	2.22	.89
IN.	.45	.37	.51	.55	.19	.17	.08	.03	.37	2.12	2.55	.99
AC-FT	1,450	1,190	1,620	1,760	618	547	251	103	1,190	6,770	8,160	3,170

CAL YR 1973 TOTAL 12,537.10 MEAN 34.3 MAX 125 MIN 2.2 CFSM .57 IN 7.77 AC-FT 24,870
WTR YR 1974 TOTAL 13,531.22 MEAN 37.1 MAX 322 MIN .63 CFSM .62 IN 8.39 AC-FT 26,840

02303320 Flint Creek at State Highway 582, near Thonotosassa, Fla.

LOCATION.--Lat 28°04'30", long 82°15'50", in SW quarter sec.1, T.28 S., R.20 E., Hillsborough County, at bridge on State Highway 582, 0.8 mile (1.3 km) below outlet of Lake Thonotosassa, and 2.2 miles (3.5 km) northeast of Thonotosassa.

DRAINAGE AREA.--60 sq mi (150 sq km), approximately.

PERIOD OF RECORD.--1962, 1965 (miscellaneous discharge measurements), April 1970 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Period of record: Maximum discharge measured, 508 cfs (14.4 cu m/s) Sept. 21, 1962; no flow observed May 3, 1967.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 30	5.0	June 4	4.3
Dec. 17	24	July 31	134
Feb. 20	7.0	Sept. 24	29
Apr. 10	4.2		

02303330 Hillsborough River at Morris Bridge near Thonotosassa, Fla.

LOCATION.--Lat 28°05'50", long 82°18'45", in NW quarter sec.33, T.27 S., R.20 E., Hillsborough County, on downstream side of bridge on State Highway 579, 2.9 miles (4.7 km) north of Thonotosassa, 3.4 miles (5.5 km) upstream from Trout Creek, and 29 miles (47 km) upstream from mouth.

DRAINAGE AREA.--375 sq mi (975 sq km), approximately.

PERIOD OF RECORD.--April 1964 to April 1965 (fragmentary); May 1965 to September 1968 (gage-heights only); October 1968 to June 1972 (gage heights and miscellaneous discharge measurements); July 1972 to current year. Miscellaneous discharge measurements for some periods prior to April 1964.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Prior to Oct. 16, 1972, nonrecording gage at present site and datum.

EXTREMES.--Current year: Maximum discharge, 2,950 cfs (83.5 cu m/s) June 29 (gage height 30.59 ft, 9.324 m); minimum, 50 cfs (1.42 cu m/s) Apr. 30, May 1, 2; minimum gage height, 23.80 ft (7.254 m) May 14, 15.

Period of record: Maximum discharge measured, 2,830 cfs (80.1 cu m/s) June 28, 1974; maximum gage height observed, 32.22 ft (9.821 m) Aug. 13, 14, 1965; minimum daily discharge, 36 cfs (1.02 cu m/s) July 24, 1972; minimum gage height observed, 23.70 ft (7.224 m) June 8, 9, 1972.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	589	218	96	493	154	92	119	50	87	1,260	804	250
2	484	250	95	426	155	92	112	51	93	1,090	811	244
3	406	319	93	380	152	90	104	53	97	997	1,080	223
4	356	325	89	372	148	88	100	52	104	978	1,390	202
5	313	287	86	353	137	84	96	53	106	975	1,240	202
6	282	247	87	332	127	81	94	53	107	1,050	1,090	363
7	255	214	92	318	122	82	89	54	98	1,120	1,030	508
8	235	187	149	304	125	82	85	58	92	1,160	950	695
9	219	171	165	285	129	82	81	67	87	1,110	837	705
10	203	158	169	265	124	81	76	67	85	1,070	718	635
11	189	146	170	247	120	78	74	63	111	1,030	670	574
12	179	136	162	236	114	74	72	61	109	981	640	550
13	168	128	153	226	110	70	71	61	102	941	660	504
14	159	122	151	217	109	70	71	60	95	885	738	430
15	151	118	153	211	108	70	70	61	91	849	758	379
16	143	115	163	208	113	70	71	79	97	740	739	388
17	135	114	170	204	123	69	73	99	102	593	725	416
18	128	112	172	198	116	65	68	108	101	504	765	432
19	123	121	167	191	110	60	66	125	98	452	717	421
20	118	119	188	186	111	56	64	167	94	393	635	402
21	115	119	227	181	109	58	62	195	91	350	568	374
22	112	118	328	176	109	94	61	172	90	316	532	350
23	108	116	413	170	109	160	58	136	91	286	532	321
24	104	112	385	165	107	174	57	113	105	278	474	298
25	100	109	333	162	104	184	56	104	150	255	448	290
26	97	106	291	160	97	188	55	97	277	272	421	280
27	94	102	312	155	92	180	55	93	1,370	293	385	284
28	92	100	343	150	92	165	55	92	2,720	316	345	284
29	91	103	499	144	------	150	55	89	2,780	379	308	298
30	87	99	610	138	------	141	52	87	1,660	512	274	333
31	86	------	564	141	------	130	------	86	------	735	248	------
TOTAL	5,921	4,691	7,075	7,394	3,326	3,160	2,222	2,706	11,290	22,170	21,532	11,637
MEAN	191	156	228	239	119	102	74.1	87.3	376	715	695	388
MAX	589	325	610	493	155	188	119	195	2,780	1,260	1,390	705
MIN	86	99	86	138	92	56	52	50	85	255	248	202
CFSM	.51	.42	.61	.64	.32	.27	.20	.23	1.00	1.91	1.85	1.03
IN.	.59	.47	.70	.73	.33	.31	.22	.27	1.12	2.20	2.14	1.15
AC-FT	11,740	9,300	14,030	14,670	6,600	6,270	4,410	5,370	22,390	43,970	42,710	23,080

CAL YR 1973 TOTAL 96,707 MEAN 265 MAX 1,670 MIN 55 CFSM .71 IN 9.59 AC-FT 191,800
WTR YR 1974 TOTAL 103,124 MEAN 283 MAX 2,780 MIN 50 CFSM .75 IN 10.23 AC-FT 204,500

10H HILLSBOROUGH RIVER BASIN AND COASTAL AREA NORTH OF ALAFIA RIVER

02303330 Hillsborough River at Morris Bridge near Thonotosassa, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.33	25.94	24.72	27.08	25.39	24.64	25.02	23.84	24.53	29.96	28.06	26.27
2	27.07	26.15	24.69	26.90	25.40	24.64	24.93	23.85	24.67	29.72	28.08	26.24
3	26.84	26.49	24.66	26.73	25.37	24.61	24.82	23.86	24.78	29.55	28.59	26.11
4	26.64	26.52	24.61	26.70	25.33	24.59	24.75	23.84	24.93	29.39	29.06	25.98
5	26.47	26.34	24.57	26.62	25.22	24.53	24.70	23.84	24.93	29.34	28.84	25.97
6	26.32	26.13	24.58	26.54	25.12	24.48	24.67	23.84	24.95	29.56	28.63	26.82
7	26.19	25.92	24.64	26.48	25.06	24.49	24.59	23.85	24.79	29.67	28.52	27.32
8	26.06	25.73	25.33	26.42	25.09	24.50	24.54	23.90	24.64	29.73	28.36	27.84
9	25.95	25.57	25.50	26.33	25.14	24.50	24.48	24.03	24.52	29.66	28.13	27.86
10	25.85	25.44	25.54	26.23	25.09	24.49	24.41	24.01	24.46	29.52	27.90	27.71
11	25.75	25.32	25.55	26.13	25.03	24.44	24.37	23.90	25.04	29.36	27.79	27.54
12	25.65	25.22	25.47	26.05	24.96	24.37	24.34	23.85	25.01	29.12	27.73	27.47
13	25.54	25.14	25.38	25.99	24.90	24.31	24.32	23.85	24.86	28.86	27.77	27.33
14	25.45	25.07	25.36	25.93	24.89	24.30	24.32	23.81	24.73	28.57	27.94	27.07
15	25.37	25.02	25.38	25.89	24.88	24.30	24.31	23.83	24.64	28.27	27.98	26.88
16	25.29	24.99	25.48	25.87	24.95	24.31	24.32	24.34	24.75	27.94	27.94	26.91
17	25.21	24.97	25.55	25.84	25.07	24.29	24.35	24.82	24.86	27.60	27.91	27.02
18	25.14	24.95	25.57	25.80	24.98	24.23	24.28	25.03	24.85	27.32	27.99	27.08
19	25.08	25.06	25.57	25.76	24.90	24.15	24.24	25.28	24.78	27.15	27.89	27.03
20	25.02	25.04	25.70	25.71	24.92	24.08	24.20	25.74	24.70	26.93	27.71	26.96
21	24.98	25.03	26.00	25.66	24.89	24.11	24.16	25.97	24.62	26.76	27.52	26.86
22	24.95	25.02	26.51	25.61	24.90	24.66	24.12	25.78	24.59	26.61	27.41	26.75
23	24.89	24.99	26.86	25.55	24.90	25.44	24.07	25.41	24.62	26.46	27.41	26.62
24	24.83	24.95	26.75	25.50	24.86	25.58	24.04	25.10	24.92	26.32	27.23	26.52
25	24.78	24.90	26.54	25.47	24.82	25.68	24.01	24.93	25.60	26.30	27.13	26.48
26	24.73	24.86	26.36	25.45	24.73	25.72	23.99	24.79	26.43	26.39	27.04	26.43
27	24.69	24.80	26.45	25.40	24.66	25.64	23.98	24.68	28.87	26.50	26.89	26.45
28	24.66	24.77	26.58	25.35	24.66	25.49	23.97	24.65	30.43	26.60	26.73	26.45
29	24.65	24.81	27.09	25.29	------	25.34	23.94	24.57	30.53	26.87	26.57	26.52
30	24.60	24.76	27.37	25.23	------	25.25	23.89	24.54	30.26	27.34	26.40	26.68
31	24.57	------	27.26	25.26	------	25.14	------	24.50	------	27.93	26.26	------
MEAN	25.50	25.33	25.73	25.96	25.00	24.72	24.34	24.46	25.54	28.11	27.72	26.84
MAX	27.33	26.52	27.37	27.08	25.40	25.72	25.02	25.97	30.53	29.96	29.06	27.86
MIN	24.57	24.76	24.57	25.23	24.66	24.08	23.89	23.81	24.46	26.30	26.26	25.97

CAL YR 1973 MEAN 25.80 MAX 28.80 MIN 24.12
WTR YR 1974 MEAN 25.78 MAX 30.53 MIN 23.81

02303344 Trout Creek Tributary near Worthington Gardens, Fla.

LOCATION.--Lat 28°12'54", long 82°23'24", in SE quarter sec.15, T.26 S., R.19 E., Pasco County, on left downstream wingwall of box culverts on State Highway 54, 1.8 miles (2.9 km) northeast of Worthington Gardens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1972 to August 1974 (discharge measurements and crest-stage partial records); August to September 1974 (gage heights, discharge measurements and annual peak dicharge).

GAGE.--Water-stage recorder. Prior to Aug. 14, 1974 nonrecording gage at present site. Datum of gage has not been determined.

EXTREMES.--Period of record: Maximum discharge measured, 176 cfs (4.98 cu m/s) June 27, 1974; no flow observed most years.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 2	0	June 25	38
Dec. 20	0	June 26	133
Mar. 23	23	June 27	176
Mar. 25	26	Sept. 26	0.96
June 6	0		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												2.71
2												2.66
3												2.65
4												2.63
5												2.64
6												3.19
7												3.53
8												3.70
9												4.23
10												3.91
11												3.63
12												3.43
13												3.31
14											2.81	3.24
15											2.75	3.15
16											2.70	3.14
17											2.81	3.08
18											3.03	3.03
19											2.94	2.97
20											2.89	2.90
21											3.11	2.85
22											3.73	2.80
23											3.55	2.75
24											3.35	2.72
25											3.19	2.69
26											3.06	2.70
27											2.95	2.96
28											2.87	3.25
29					------						2.83	3.33
30					------						2.82	3.29
31		------			------		------		------		2.75	------
MEAN												3.10
MAX												4.23
MIN												2.63

02303350 Trout Creek near Sulphur Springs, Fla.

LOCATION.--Lat 28°08'20", long 82°21'50", in S half sec.13, T.27 S., R.19 E., Hillsborough County, at bridge on State Highway 581, 4.1 miles (6.6 km) upstream from mouth, and 9.0 miles (14.5 km) northeast of Sulphur Springs.

DRAINAGE AREA.--23 sq mi (60 sq km), approximately.

PERIOD OF RECORD.--September 1962 (miscellaneous high-water discharge measurements only); February 1964 to November 1966 (discharge measurements and crest-stage partial records); December 1966 to May 1974 (discharge measurements only); June to September 1974.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (corrected), Florida Department of Transportation bench mark. Prior to Sept. 12, 1974, nonrecording gage at present site and datum.

EXTREMES.--Current year: Maximum discharge during period June to September, 1,540 cfs (43.6 cu m/s) June 28 (gage height, 42.85 ft, 13.061 m), from floodmark, also maximum for water year; no flow some days.
Period of record: 1962-73: maximum discharge measured, 1,380 cfs (39.1 cu m/s) Sept. 22, 1969; no flow observed most years.

REMARKS.--Records fair.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 SEPTEMBER 1974

Nov. 1	1.0	June 28	827
Dec. 19	5.3	July 1	216
Feb. 22	3.8	July 11	62
June 6	20	Sept. 26	20

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									0	240	100	25
2									0	175	180	20
3									.55	150	165	20
4									1.5	140	150	20
5									6.0	110	130	25
6									20	90	120	35
7									13	80	130	50
8									8.0	65	135	80
9									5.0	60	125	130
10									3.0	60	115	180
11									2.0	60	110	260
12									1.0	60	100	120
13									.70	60	95	121
14									.40	60	90	96
15									.20	60	90	79
16									.10	60	85	116
17									0	60	80	92
18									0	60	85	67
19									0	60	90	52
20									0	55	80	42
21									0	55	75	32
22									20	50	90	25
23									50	50	100	20
24									100	50	90	17
25									150	50	70	21
26									475	60	60	20
27									1,400	75	50	19
28									950	90	45	31
29				------					525	70	35	37
30				------					350	55	30	37
31		------		------		------			------	45	25	------
TOTAL									4,081.45	2,415	2,925	1,889
MEAN									136	77.9	94.4	63.0
MAX									1,400	240	180	260
MIN									0	45	25	17
CFSM									5.91	3.39	4.10	2.74
IN.									6.60	3.91	4.73	3.06

02303400 Cypress Creek near San Antonio, Fla.

LOCATION.--Lat 28°19'25", long 82°23'03", in SW quarter sec.11, T.25 S., R.19 E., Pasco County, at center on downstream side of box culverts on State Highway 52, 3.3 miles (5.3 km) downstream from Bee Tree Branch, 6.8 miles (10.9 km) west of San Antonio, 12 miles (19 km) west of Dade City, and 25 miles (40 km) upstream from mouth.

DRAINAGE AREA.--56.0 sq mi (145 sq km).

PERIOD OF RECORD.--December 1962 to current year.

GAGE.--Water-stage recorder. Datum of gage is 70.00 ft (21.336 m) above mean sea level (Florida Department of Transportation bench mark). Prior to Aug. 25, 1965, at present site at datum 70.00 ft (21.336 m) lower.

AVERAGE DISCHARGE.--11 years (1963-74), 25.2 cfs (0.71 cu m/s), 6.11 in/yr (155 mm/yr), 18,260 acre-ft/yr (22.5 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 717 cfs (20.3 cu m/s) June 27, 28 (gage height, 5.23 ft, 1.594 m); no flow for many days; minimum gage height, 0.52 ft (0.158 m) May 17, 19, 20.

Period of record: Maximum discharge, that of June 27, 28, 1974; maximum gage height, 5.70 ft (1.737 m) Sept. 13, 1974, present datum; no flow for many days in 1967, 1968, 1973, 1974; minimum gage height, 0.38 ft (0.116 m) Nov. 13, 1972.

REMARKS.--Records fair. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS.--Revised figures of discharge, in cubic feet per second, for water year 1973, superseding those published in WRD Fla., 1973, are given on the following page.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	5.0	.58	26	6.1	2.6	5.9	0	.03	248	55	33
2	29	3.5	.50	26	5.7	2.3	4.3	0	.47	208	62	32
3	27	3.2	.50	26	5.3	2.2	3.2	0	1.4	181	61	32
4	25	3.2	.41	26	5.0	2.1	2.3	0	9.0	239	60	32
5	23	2.9	.33	26	4.5	1.9	2.0	0	21	379	76	33
6	22	2.5	.50	25	4.3	1.9	1.8	0	16	367	111	62
7	20	2.1	.83	24	4.1	1.8	1.5	0	13	337	131	104
8	20	1.9	3.2	24	4.3	1.8	1.4	0	8.8	273	123	209
9	22	1.7	2.6	23	3.6	1.7	1.3	0	5.6	220	107	285
10	19	1.6	2.3	22	3.3	1.6	1.1	0	3.9	176	91	274
11	17	1.4	2.3	22	3.0	1.6	.92	0	8.0	143	77	227
12	16	1.4	2.1	21	2.9	1.5	.75	0	4.1	141	82	177
13	14	1.4	1.9	22	2.6	1.4	.83	0	4.3	124	86	139
14	12	1.3	2.5	21	2.5	1.3	.67	0	3.7	105	66	115
15	11	1.2	2.3	20	2.3	1.1	.50	0	3.0	88	59	103
16	9.8	1.2	5.0	19	2.2	1.1	.67	0	2.6	76	56	89
17	8.7	1.1	5.7	18	2.2	1.0	.92	0	2.0	66	54	80
18	7.5	1.1	6.3	17	2.0	.92	.75	0	1.8	62	55	77
19	6.5	1.1	6.9	16	2.5	.83	.58	0	1.6	60	57	77
20	5.5	.92	7.8	15	3.3	.83	.41	.75	1.3	54	59	76
21	4.8	.92	8.9	13	3.3	.75	.24	1.7	.97	51	61	74
22	4.3	.92	8.7	12	3.9	3.8	.20	1.8	.62	54	65	70
23	3.6	.83	8.7	11	3.9	8.2	.14	1.7	.46	53	63	66
24	3.0	.83	8.5	9.1	3.8	16	.17	1.4	3.4	48	59	64
25	2.8	.75	8.2	8.5	3.6	21	.12	.92	131	45	54	62
26	2.5	.75	8.2	10	3.2	20	.06	.50	356	42	50	60
27	2.1	.58	19	8.7	2.9	17	.02	.58	676	39	46	64
28	2.0	.58	21	7.8	2.8	15	.02	.41	620	42	43	70
29	1.8	.58	23	6.9	------	12	0	.14	405	58	39	67
30	1.6	.58	25	6.7	------	10	0	.07	301	53	37	67
31	1.6	------	26	6.9	------	7.8	------	.03	------	54	34	------
TOTAL	376.1	47.04	219.75	539.6	99.1	163.03	32.77	10.00	2,606.05	4,086	2,079	2,920
MEAN	12.1	1.57	7.09	17.4	3.54	5.26	1.09	.32	86.9	132	67.1	97.3
MAX	31	5.0	26	26	6.1	21	5.9	1.8	676	379	131	285
MIN	1.6	.58	.33	6.7	2.0	.75	0	0	.03	39	34	32
CFSM	.22	.03	.13	.31	.06	.09	.02	.006	1.55	2.36	1.20	1.74
IN.	.25	.03	.15	.36	.07	.11	.02	.006	1.73	2.71	1.38	1.94
AC-FT	746	93	436	1,070	197	323	65	20	5,170	8,100	4,120	5,790

CAL YR 1973 TOTAL 4,289.59 MEAN 11.8 MAX 58 MIN 0 CFSM .21 IN 2.85 AC-FT 8,510
WTR YR 1974 TOTAL 13,178.44 MEAN 36.1 MAX 676 MIN 0 CFSM .64 IN 8.75 AC-FT 26,140

02303400 Cypress Creek near San Antonio, Fla.

DISCHARGE, IN CUBIC FEET PER SECOND, 1973

DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP	DAY	AUG	SEP
1	0	8.2	7	1.1	24	13	.50	50	19	.20	39	25	3.3	45
2	0	14	8	.75	22	14	.50	48	20	2.6	49	26	2.6	42
3	.01	16	9	.58	26	15	.33	46	21	5.3	55	27	4.3	39
4	.03	17	10	.41	26	16	.20	44	22	6.7	56	28	5.0	38
5	.28	18	11	.50	37	17	.24	41	23	7.8	52	29	6.7	35
6	.83	31	12	.75	43	18	.24	40	24	5.1	48	30	6.3	33
												31	5.7	

TOTAL	68.85	1,082.2
MEAN	2.22	36.1
MAX	7.8	56
MIN	0	8.2
CFSM	.04	.54
IN	.05	.72
AC-FT	137	2,150

WATER YEAR 1973 TOTAL 3,757.24 MEAN 10.3

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.65	1.78	1.43	2.52	1.84	1.63	1.84	1.08	1.21	4.36	3.07	2.70
2	2.60	1.69	1.42	2.53	1.82	1.61	1.76	1.03	1.41	4.20	3.17	2.67
3	2.56	1.67	1.42	2.53	1.80	1.60	1.70	.98	1.52	4.08	3.14	2.66
4	2.51	1.67	1.41	2.53	1.78	1.59	1.65	.93	1.94	4.29	3.13	2.68
5	2.46	1.65	1.40	2.53	1.75	1.57	1.62	.91	2.39	4.74	3.32	2.70
6	2.41	1.62	1.42	2.51	1.74	1.57	1.60	.88	2.25	4.71	3.66	3.15
7	2.36	1.59	1.45	2.49	1.73	1.56	1.57	.84	2.13	4.64	3.80	3.56
8	2.36	1.57	1.67	2.47	1.74	1.56	1.55	.80	1.96	4.45	3.75	4.18
9	2.42	1.55	1.63	2.45	1.70	1.55	1.54	.75	1.81	4.25	3.63	4.49
10	2.33	1.54	1.61	2.43	1.68	1.54	1.52	.72	1.72	4.06	3.49	4.46
11	2.27	1.52	1.61	2.41	1.66	1.54	1.50	.69	1.92	3.88	3.34	4.28
12	2.24	1.52	1.59	2.38	1.65	1.53	1.48	.66	1.73	3.86	3.38	4.06
13	2.17	1.52	1.57	2.41	1.63	1.52	1.49	.63	1.74	3.75	3.43	3.85
14	2.11	1.51	1.61	2.39	1.62	1.51	1.47	.59	1.70	3.61	3.22	3.69
15	2.07	1.50	1.61	2.37	1.61	1.49	1.45	.57	1.66	3.45	3.11	3.60
16	2.01	1.50	1.78	2.33	1.60	1.49	1.46	.54	1.63	3.32	3.08	3.46
17	1.96	1.49	1.82	2.30	1.60	1.48	1.50	.53	1.58	3.22	3.05	3.37
18	1.91	1.49	1.85	2.27	1.58	1.47	1.48	.54	1.56	3.16	3.06	3.34
19	1.86	1.49	1.88	2.23	1.61	1.46	1.46	.52	1.54	3.13	3.10	3.34
20	1.81	1.47	1.92	2.19	1.68	1.46	1.43	1.31	1.52	3.05	3.12	3.32
21	1.77	1.47	1.97	2.14	1.68	1.45	1.40	1.55	1.48	3.01	3.15	3.30
22	1.74	1.47	1.96	2.09	1.72	1.70	1.38	1.56	1.43	3.05	3.20	3.26
23	1.70	1.46	1.96	2.04	1.72	1.93	1.36	1.55	1.42	3.04	3.18	3.22
24	1.66	1.46	1.95	1.98	1.71	2.25	1.36	1.52	1.63	2.97	3.12	3.18
25	1.64	1.45	1.94	1.95	1.70	2.38	1.34	1.47	3.63	2.91	3.05	3.16
26	1.62	1.45	1.94	2.02	1.67	2.36	1.30	1.42	4.64	2.86	2.99	3.13
27	1.59	1.43	2.33	1.96	1.65	2.28	1.25	1.42	5.18	2.80	2.93	3.18
28	1.57	1.43	2.38	1.92	1.64	2.20	1.23	1.40	5.11	2.85	2.87	3.25
29	1.56	1.43	2.46	1.88	------	2.12	1.19	1.35	4.79	3.10	2.81	3.23
30	1.54	1.43	2.50	1.87	------	2.02	1.13	1.31	4.54	3.04	2.76	3.23
31	1.54	------	2.52	1.88	------	1.93	------	1.26	------	3.06	2.72	------
MEAN	2.03	1.53	1.81	2.26	1.69	1.72	1.47	1.01	2.29	3.58	3.19	3.39
MAX	2.65	1.78	2.52	2.53	1.84	2.38	1.84	1.56	5.18	4.74	3.80	4.49
MIN	1.54	1.43	1.40	1.87	1.58	1.45	1.13	.52	1.21	2.80	2.72	2.66

CAL YR 1973 MEAN 1.91 MAX 3.25 MIN .56
WTR YR 1974 MEAN 2.17 MAX 5.18 MIN .52

02303420 Cypress Creek at Worthington Gardens, Fla.

LOCATION.--Lat 28°11'08", long 82°24'03", in SW quarter sec.27, T.26 S., R.19 E., Pasco County, near center of span on downstream side of bridge on State Highway 54, 0.2 mile (0.3 km) southwest of Worthington Gardens, 4.4 miles (7.1 km) northeast of Lutz, and 14 miles (23 km) upstream from mouth.

DRAINAGE AREA.--117 sq mi (303 sq km).

PERIOD OF RECORD.--May 1964 to October 1971 (annual peak discharge and periodic discharge measurements only); November 1971 to May 1974 (gage heights and periodic discharge measurements only); June to September 1974.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft (12.192 m) above mean sea level. Prior to Nov. 16, 1972, nonrecording gage 1000 ft (300 m) upstream at datum 40.00 ft (12.192 m) lower.

EXTREMES.--Current year: Maximum discharge during period June to September, 1,210 cfs (34.3 cu m/s) June 30 (gage height, 12.56 ft, 3.828 m), also maximum for water year; no flow some days; minimum gage height, 2.53 ft (0.771 m) April 30, May 1, 2, 3, 4, 5, June 22, 23.

Period of record: Maximum discharge, that of June 30, 1974 (gage height, 12.56 ft, 3.828 m); no flow observed in some years; minimum gage height, 2.28 ft (0.695 m) estimated, June 9, 10, 1972.

REVISIONS.--The figures of maximum discharge for some water years have been revised, as shown in the following table. They supercede figures published in reports as indicated.

Report	Water year	Date	Discharge (cfs)	Gage height (feet)
WSP 1905	1964	Sept. 13, 1964	1,050	52.28
WSP 1905	1965	Aug. 1, 1965	1,100	52.42
WRD 1967	1967	Aug. 19, 1967	830	51.39
WRD 1970	1970	Aug. 30, 1970	410	49.26
WRD 1971	1971	Jan. 12, 1971	670	50.67

REMARKS.--Records good.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 1	6.5	June 21	0
Dec. 4	1.2	June 25	52
Dec. 20	48	June 27	839
Feb. 22	39	June 30	1,170
Apr. 11	5.3	July 19	390
June 6	0	Sept. 26	140

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							0	1,120	201	155		
2							0	1,010	210	135		
3							0	889	224	118		
4							0	768	233	107		
5							0	681	257	106		
6							0	630	294	144		
7							0	610	309	185		
8							0	617	330	241		
9							0	631	340	357		
10							0	635	342	448		
11							.05	608	333	525		
12							0	596	314	557		
13							0	608	297	559		
14							0	623	277	542		
15							0	622	262	500		
16							0	584	258	452		
17							0	524	262	411		
18							0	459	275	366		
19							0	410	265	314		
20							0	353	251	274		
21							0	292	249	238		
22							0	247	287	207		
23							0	221	292	182		
24							.14	201	294	164		
25							31	200	293	150		
26							179	199	285	140		
27							585	193	267	147		
28							992	193	243	166		
29				------			1,170	202	219	178		
30				------			1,200	202	197	188		
31		------		------		------	------	198	175	------		
TOTAL							4,157.19	15,326	8,335	8,256		
MEAN							139	494	269	275		
MAX							1,200	1,120	342	559		
MIN							0	193	175	106		
CFSM							1.19	4.22	2.30	2.35		
IN.							1.32	4.87	2.65	2.62		

10H HILLSBOROUGH RIVER BASIN AND COASTAL AREA NORTH OF ALAFIA RIVER

02303420 Cypress Creek at Worthington Gardens, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.54	3.53	3.00	7.10	5.51	4.93	5.46	2.54	2.59	12.31	7.54	7.02
2	6.40	3.84	2.97	7.08	5.53	4.84	5.26	2.54	2.59	11.93	7.63	6.78
3	6.27	4.03	2.94	7.06	5.51	4.73	5.05	2.53	2.59	11.47	7.77	6.56
4	6.12	4.16	2.92	7.06	5.46	4.60	4.82	2.53	2.59	10.99	7.85	6.40
5	5.97	4.39	2.89	7.07	5.37	4.47	4.58	2.54	2.58	10.61	8.05	6.38
6	5.82	4.54	2.88	7.02	5.29	4.34	4.34	2.55	2.57	10.37	8.35	6.88
7	5.67	4.62	2.96	6.92	5.20	4.21	4.08	2.55	2.57	10.26	8.48	7.37
8	5.53	4.62	3.54	6.82	5.14	4.10	3.86	2.55	2.57	10.30	8.61	7.91
9	5.45	4.56	4.07	6.70	5.06	3.98	3.69	2.54	2.59	10.37	8.66	8.76
10	5.34	4.45	4.26	6.57	4.96	3.88	3.55	2.54	2.59	10.39	8.67	9.39
11	5.22	4.26	4.25	6.44	4.87	3.77	3.43	2.54	2.65	10.26	8.62	9.83
12	5.12	4.10	4.22	6.32	4.79	3.67	3.29	2.56	2.62	10.20	8.52	10.00
13	5.02	3.95	4.27	6.23	4.72	3.57	3.17	2.57	2.59	10.26	8.39	10.01
14	4.93	3.83	4.40	6.13	4.66	3.46	3.05	2.55	2.58	10.33	8.22	9.92
15	4.85	3.73	4.52	6.06	4.59	3.36	2.95	2.57	2.58	10.33	8.09	9.69
16	4.76	3.64	4.73	6.00	4.54	3.27	2.95	2.61	2.61	10.14	8.06	9.42
17	4.64	3.56	4.88	5.94	4.53	3.17	3.03	2.64	2.60	9.83	8.09	9.12
18	4.50	3.48	4.96	5.89	4.47	3.10	3.00	2.67	2.58	9.46	8.20	8.81
19	4.36	3.45	5.04	5.85	4.46	3.02	2.95	2.63	2.58	9.11	8.12	8.50
20	4.19	3.40	5.21	5.81	4.77	2.94	2.88	2.60	2.56	8.73	8.00	8.19
21	4.03	3.35	5.34	5.76	4.86	2.89	2.81	2.58	2.55	8.34	7.99	7.89
22	3.91	3.28	5.37	5.72	4.90	3.36	2.74	2.62	2.54	7.97	8.30	7.60
23	3.81	3.23	5.37	5.67	4.98	4.82	2.69	2.69	2.54	7.74	8.34	7.34
24	3.71	3.17	5.38	5.62	5.08	5.75	2.65	2.70	2.66	7.54	8.36	7.13
25	3.60	3.14	5.37	5.57	5.12	5.93	2.62	2.66	4.43	7.53	8.35	6.96
26	3.48	3.10	5.36	5.56	5.11	6.04	2.59	2.64	7.18	7.52	8.28	6.84
27	3.39	3.06	5.74	5.52	5.07	6.11	2.57	2.67	10.08	7.46	8.13	6.92
28	3.32	3.04	6.27	5.49	5.01	6.08	2.56	2.66	11.84	7.46	7.93	7.15
29	3.25	3.04	6.45	5.47	------	5.98	2.55	2.63	12.45	7.55	7.72	7.29
30	3.18	3.02	6.86	5.46	------	5.84	2.54	2.62	12.53	7.55	7.49	7.39
31	3.13	------	7.10	5.47	------	5.66	------	2.60	------	7.51	7.26	------
MEAN	4.69	3.72	4.63	6.17	4.98	4.38	3.39	2.59	4.02	9.41	8.13	7.98
MAX	6.54	4.62	7.10	7.10	5.53	6.11	5.46	2.70	12.53	12.31	8.67	10.01
MIN	3.13	3.02	2.88	5.46	4.46	2.89	2.54	2.53	2.54	7.46	7.26	6.38

CAL YR 1973 MEAN 4.71 MAX 8.37 MIN 2.33
WTR YR 1974 MEAN 5.35 MAX 12.53 MIN 2.53

02303800 Cypress Creek near Sulphur Springs, Fla.

LOCATION.--Lat 28°05'20", long 82°24'33", in SE quarter sec.33, T.27 S., R.19 E., Hillsborough County, near center of span on downstream side of bridge on State Highway 581, 1.2 miles (1.9 km) downstream from Thirteenmile Run, 2.5 miles (4.0 km) upstream from mouth, and 5.0 miles (8.0 km) northeast of Sulphur Springs.

DRAINAGE AREA.--160 sq mi (410 sq km), approximately.

PERIOD OF RECORD.--February 1964 to current year. Miscellaneous discharge measurements for some periods prior to February 1964.

GAGE.--Nonrecording gage read once daily. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Prior to Nov. 3, 1967, water-stage recorder at present site and datum.

AVERAGE DISCHARGE.--10 years, 106 cfs (3.00 cu m/s), 9.00 in/yr (229 mm/yr), 76,800 acre-ft/yr (94.7 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 1,210 cfs (34.3 cu m/s) July 4 (gage height, 30.48 ft, 9.290 m); no flow for many days; minimum gage height, 24.95 ft (7.605 m) May 14.

Period of record: Maximum daily discharge, 1,750 cfs (49.6 cu m/s) Aug. 13, 1965; maximum gage height, 32.15 ft (9.799 m) Aug. 13, 1965 (backwater from Hillsborough River); no flow for many days each year; minimum gage height observed, 24.60 ft (7.498 m) June 3, 1968, June 9, 11, 1972.

Maximum stage observed, 34.13 ft (10.403 m) Aug. 1, 1960; discharge measured, 2,060 cfs (58.3 cu m/s), backwater from Hillsborough River.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	190	46	4.4	150	48	20	80	.12	0	1,060	301	248
2	168	44	4.0	154	47	20	74	.04	0	1,120	279	220
3	154	41	3.6	160	46	20	64	0	0	1,170	295	208
4	140	35	3.5	165	44	19	55	0	.12	1,210	311	184
5	122	29	3.2	168	41	18	48	0	.83	1,060	345	173
6	117	24	3.1	160	40	17	42	0	.87	1,060	366	242
7	112	19	4.0	154	38	13	39	0	.56	922	384	270
8	110	15	14	150	38	12	34	0	.52	817	373	286
9	98	14	21	144	36	11	21	0	1.0	729	366	328
10	90	14	27	136	32	9.9	19	0	1.7	644	366	388
11	80	14	34	128	29	8.1	17	0	2.8	590	345	407
12	75	12	27	120	27	6.6	8.8	0	2.1	606	345	449
13	62	11	23	112	25	5.2	5.8	0	1.4	590	338	472
14	50	14	24	105	22	4.0	4.6	0	.91	565	328	560
15	40	12	23	98	21	3.6	4.1	0	.74	540	311	590
16	35	12	27	90	19	2.9	3.6	0	.56	525	318	639
17	30	9.9	35	85	19	2.6	5.7	.12	.32	510	264	622
18	26	9.5	39	80	19	2.0	4.6	.20	.17	495	279	570
19	24	8.5	39	75	18	1.6	4.1	.12	.04	477	295	535
20	21	8.1	50	70	16	1.1	3.2	.10	0	428	289	467
21	19	7.8	60	68	15	.90	2.5	.07	0	396	279	403
22	16	7.4	66	66	15	.72	1.9	.04	0	342	279	345
23	14	6.9	64	64	18	62	1.8	.04	0	315	295	311
24	13	7.5	60	61	18	68	1.2	.02	8.5	286	345	276
25	11	6.6	57	59	19	75	.83	0	51	264	345	262
26	9.0	6.0	54	56	19	71	.66	0	148	250	328	248
27	8.1	5.2	85	56	19	73	.52	0	436	234	321	245
28	7.6	4.9	138	55	19	76	.35	0	580	222	311	232
29	7.0	5.4	158	53	------	82	.24	0	694	279	304	227
30	6.6	5.2	165	50	------	91	.20	0	908	311	295	220
31	6.1	------	160	49	------	85	------	0	------	345	279	------
TOTAL	1,861.4	454.9	1,475.8	3,141	767	882.22	547.70	.87	2,840.14	18,362	9,879	10,627
MEAN	60.0	15.2	47.6	101	27.4	28.5	18.3	.028	94.7	592	319	354
MAX	190	46	165	168	48	91	80	.20	908	1,210	384	639
MIN	6.1	4.9	3.1	49	15	.72	.20	0	0	222	264	173
CFSM	.38	.10	.30	.63	.17	.18	.11	.0002	.59	3.70	1.99	2.21
IN.	.43	.11	.34	.73	.18	.21	.13	0	.66	4.27	2.30	2.47
AC-FT	3,690	902	2,930	6,230	1,520	1,750	1,090	1.7	5,630	36,420	19,590	21,080

CAL YR 1973 TOTAL 25,487.52 MEAN 69.8 MAX 276 MIN 0 CFSM .44 IN 5.93 AC-FT 50,550
WTR YR 1974 TOTAL 50,839.03 MEAN 139 MAX 1,210 MIN 0 CFSM .87 IN 11.82 AC-FT 100,800

10H HILLSBOROUGH RIVER BASIN AND COASTAL AREA NORTH OF ALAFIA RIVER

02303800 Cypress Creek near Sulphur Springs, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.72	27.68	26.40	28.55	27.72	27.16	27.79	25.24	25.08	30.31	28.87	28.70
2	28.63	27.66	26.35	28.57	27.70	27.18	27.73	25.20	25.10	30.38	28.80	28.60
3	28.57	27.62	26.30	28.60	27.68	27.16	27.62	25.15	25.15	30.43	28.85	28.55
4	28.50	27.51	26.28	28.62	27.65	27.14	27.52	25.13	25.25	30.48	28.90	28.45
5	28.41	27.40	26.25	28.63	27.62	27.12	27.43	25.12	25.50	30.31	29.00	28.40
6	28.38	27.28	26.23	28.60	27.60	27.07	27.35	25.11	25.51	30.30	29.05	28.70
7	28.35	27.15	26.35	28.57	27.57	26.95	27.30	25.11	25.42	30.11	29.10	28.80
8	28.33	27.02	27.00	28.55	27.56	26.90	27.20	25.10	25.40	29.94	29.07	28.85
9	28.25	27.00	27.20	28.52	27.54	26.85	26.92	25.09	25.55	29.79	29.05	28.98
10	28.20	27.00	27.35	28.48	27.45	26.80	26.85	25.05	25.70	29.63	29.05	29.15
11	28.10	26.98	27.50	28.44	27.40	26.70	26.79	25.00	25.90	29.52	29.00	29.20
12	28.05	26.90	27.35	28.40	27.35	26.60	26.42	25.00	25.80	29.54	29.00	29.30
13	27.90	26.85	27.25	28.35	27.30	26.48	26.20	25.00	25.70	29.51	28.98	29.35
14	27.75	27.00	27.27	28.30	27.22	26.35	26.10	24.95	25.60	29.46	28.95	29.53
15	27.60	26.90	27.25	28.25	27.20	26.30	26.05	25.05	25.56	29.42	28.90	29.59
16	27.52	26.89	27.35	28.20	27.15	26.20	26.00	25.15	25.52	29.39	28.92	29.68
17	27.43	26.80	27.52	28.15	27.15	26.15	26.19	25.25	25.46	29.37	28.75	29.65
18	27.32	26.78	27.58	28.10	27.15	26.05	26.10	25.28	25.41	29.34	28.80	29.55
19	27.28	26.72	27.59	28.05	27.10	25.95	26.05	25.25	25.34	29.30	28.85	29.48
20	27.20	26.70	27.75	28.00	27.05	25.85	25.95	25.23	25.28	29.20	28.83	29.35
21	27.15	26.68	27.88	27.98	27.02	25.80	25.85	25.22	25.24	29.13	28.80	29.20
22	27.05	26.65	27.95	27.95	27.02	25.75	25.75	25.21	25.21	28.98	28.80	29.05
23	27.00	26.62	27.92	27.92	27.10	27.60	25.72	25.20	25.25	28.90	28.85	28.95
24	26.95	26.66	27.88	27.89	27.12	27.67	25.60	25.18	26.40	28.82	29.00	28.85
25	26.85	26.60	27.84	27.86	27.15	27.74	25.50	25.15	27.47	28.75	29.00	28.80
26	26.75	26.55	27.80	27.83	27.15	27.70	25.45	25.14	28.27	28.70	28.95	28.76
27	26.70	26.48	28.15	27.82	27.15	27.72	25.40	25.12	29.27	28.65	28.93	28.75
28	26.67	26.45	28.49	27.81	27.15	27.75	25.35	25.10	29.57	28.60	28.90	28.70
29	26.63	26.50	28.59	27.78	------	27.80	25.30	25.13	29.78	28.80	28.88	28.68
30	26.60	26.48	28.62	27.75	------	27.88	25.28	25.15	30.11	28.90	28.85	28.65
31	26.56	------	28.60	27.73	------	27.83	------	25.12	------	29.00	28.80	------
MEAN	27.59	26.92	27.41	28.20	27.32	26.91	26.36	25.13	26.19	29.45	28.92	29.01
MAX	28.72	27.68	28.62	28.63	27.72	27.88	27.78	25.28	30.11	30.48	29.10	29.68
MIN	26.56	26.45	26.23	27.73	27.02	25.75	25.28	24.95	25.08	28.60	28.75	28.40

CAL YR 1973 MEAN 27.17 MAX 29.02 MIN 24.75
WTR YR 1974 MEAN 27.46 MAX 30.48 MIN 24.95

10H HILLSBOROUGH RIVER BASIN AND COASTAL AREA NORTH OF ALAFIA RIVER

02303990 Cow House Creek near Temple Terrace, Fla.

LOCATION.--Lat 28°03'30", long 82°21'10", in SE quarter sec.12, T.28 S., R.19 E., Hillsborough County, at bridge on Morris Bridge Road, 1.0 mile (1.6 km) upstream from mouth, and 2.7 miles (4.3 km) northeast of Temple Terrace.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1962 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is 22.15 ft (6.751 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Period of record: Maximum discharge measured, 1,460 cfs (41.3 cu m/s) Aug. 10, 1965; no flow observed most years.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 29	0	June 5	1.1
Dec. 19	2.1	July 2	405
Feb. 19	0	Sept. 25	16
Apr. 15	0		

02304000 Hillsborough River at Fowler Avenue near Tampa, Fla.

LOCATION.--Lat 28°03'15", long 82°21'50", in NW quarter sec.13, T.28 S., R.19 E., Hillsborough County, on the downstream pile of right bent of Fowler Avenue bridge, in northeast Tampa, 0.2 mile (0.3 km) downstream from Cow House Creek, 2.5 miles (4.0 km) downstream from Cypress Creek, and 20 miles (32 km) upstream from mouth.

DRAINAGE AREA.--630 sq mi (1630 sq km), approximately.

PERIOD OF RECORD.--October 1933 to December 1939 (published as "near Harney"); January 1961 to current year (gage heights and miscellaneous discharge measurements only), incomplete. Gage heights published since October 1962.

GAGE.--Nonrecording gage read once daily. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Prior to Dec. 1, 1960, at present site at datum 19.14 ft (5.834 m) higher.

EXTREMES.--Current year: Maximum gage height observed, 27.09 ft (8.257 m) June 30; minimum observed, 19.85 ft (6.050 m) May 10.
Period of record: 1933-39, 1961-74: Maximum gage height, 32.56 ft (9.924 m), present datum, June 20, 1934; minimum observed, 19.36 ft (5.901 m) Feb. 27, 28, Mar. 3, 1962.
Period of record: 1933-39: Maximum discharge, 11,700 cfs (331 cu m/s) June 20, 1934; minimum observed, 46 cfs (1.30 cu m/s) Apr. 29, 1938.
Maximum stage known, 34.67 ft (10.567 m), present datum, Sept. 9, 1933, from floodmarks; discharge, 16,400 cfs (464 cu m/s) from discharge measurement near crest.

REMARKS.--Stage affected by operation of gates at the Tampa Water Department Dam during periods of low water.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

June 28 2,710
June 29 4,040
June 30 4,270

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.30	22.31	22.56	23.59	23.14	22.50				27.03		
2	23.14	22.34	22.59	23.61	23.11	22.49				26.88		
3	22.94	22.30	22.62	23.65	23.09	22.47				26.70		
4	22.78	22.28	22.66	23.61	23.06	22.44				26.55		
5	22.58	22.34	22.68	23.54	23.04	22.40			21.64	26.35		
6	22.50	22.56	22.71	23.47	23.01	22.36				26.20		
7	22.45	22.77	22.75	23.40	22.98	22.32				26.05		
8	22.48	22.70	22.79	23.38	22.95	22.29				25.90		
9	22.30	22.64	22.81	23.35	22.93	22.25						
10	22.18	22.61	22.78	23.31	22.90	22.23		19.85				
11	22.12	22.56	22.85	23.26	22.88	22.19						
12	22.11	22.60	22.89	23.22	22.87	22.16						
13	22.19	22.54	22.94	23.16	22.85	22.11						
14	22.18	22.50	22.99	23.10	22.82	22.09						
15	22.17	22.47	23.07	23.07	22.80	22.06	22.34					
16	22.26	22.45	23.13	23.12	22.77	22.04						
17	22.41	22.48	23.20	23.13	22.75	22.00						
18	22.48	22.44	23.16	23.14	22.73	21.98				23.68		
19	22.50	22.41	23.11	23.10	22.70	21.93						
20	22.47	22.39	23.15	23.10	22.68	21.84						
21	22.45	22.37	23.19	23.10	22.66	21.75						
22	22.43	22.35	23.22	23.10	22.65	21.71						
23	22.46	22.38	23.25	23.08	22.62	21.68						
24	22.44	22.35	23.30	23.05	22.61	21.63						22.04
25	22.40	22.33	23.36	23.07	22.59	21.60						
26	22.38	22.31	23.38	23.09	22.56	21.57						
27	22.41	22.29	23.42	23.10	22.55	21.55			23.80			
28	22.39	22.35	23.47	23.12	22.53	21.52			25.40			
29	22.33	22.49	23.51	23.08	------	21.47			26.78			
30	22.29	22.52	23.53	23.10	------	21.49			27.08			
31	22.27	------	23.57	23.12	------	21.53	------		------	22.99		------
MEAN	22.44	22.45	23.05	23.24	22.82	21.99						
MAX	23.30	22.77	23.57	23.65	23.14	22.50						
MIN	22.11	22.28	22.56	23.05	22.53	21.47						

02304500 Hillsborough River near Tampa, Fla.

LOCATION.--Lat 28°01'25", long 82°25'40", in NW quarter sec.29, T.28 S., R.19 E., Hillsborough County, on left bank at upstream side of control structure for Tampa Reservoir, at 30th Street, 5.4 miles (8.7 km) northeast of Tampa, and 10 miles (16 km) upstream from mouth.
DRAINAGE AREA.--650 sq mi (1700 sq km), approximately.
PERIOD OF RECORD.--October 1938 to current year.
GAGE.--Water-stage recorder. Datum of gage is at mean sea level (city of Tampa bench mark). Prior to Oct. 1, 1945, at site 2.1 miles (3.4 km) upstream at datum 0.66 ft (0.201 m) higher.
AVERAGE DISCHARGE.--36 years, 623 cfs (17.6 cu m/s), 13.01 in/yr (330 mm/yr), 451,400 acre-ft/yr (557 cu hm/yr), adjusted for diversion.
EXTREMES.--Current year: Maximum daily discharge, 3,720 cfs (105 cu m/s) July 1; maximum gage height, 22.61 ft (6.892 m) June 25; gates closed and flow consists of leakage (estimated as 0.05 cfs, 0.001 cu m/s) for many days; minimum gage height, 18.78 ft (5.724 m) May 16.
Period of record: Maximum discharge, 14,600 cfs (413 cu m/s) Mar. 21, 1960; maximum gage height, 22.89 ft (6.977 m) Aug. 2, 1960; no flow Nov. 30 to Dec. 2, 1945.
Maximum stage known, 25.6 ft (7.80 m) Sept. 7, 1933, at former site and datum, from floodmarks, affected by backwater prior to failure of Tampa power dam, 2.1 miles (3.4 km) below former gage. A discharge of 16,500 cfs (467 cu m/s) was measured Sept. 9, 1933.
REMARKS.--Records poor. Flow regulated at station since Oct. 1, 1945, by manipulation of radial gates in spillways and on dam by city of Tampa Water Department. Capacity of reservoir insufficient to affect monthly figures of runoff. Some diversions at times by pumping from Sulphur Springs at Sulphur Springs into reservoir by the city of Tampa Water Department. Net diversion at point 1.3 miles (2.1 km) above station for water supply by city of Tampa is as shown in monthly table.
COOPERATION.--Records of gate operation and diversions furnished by city of Tampa Water Department.
REVISIONS.--WSP 1234: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	871	216	.05	767	148	.05	87	.05	.1	3,720	1,020	745
2	730	285	.05	667	148	.05	76	.05	.1	3,400	1,560	575
3	584	179	.05	652	147	.05	76	.05	.1	3,630	1,640	416
4	540	197	.05	700	210	.05	25	.05	.1	3,550	1,780	475
5	480	268	.05	674	145	.05	.05	.05	.1	3,280	2,210	552
6	370	285	.05	563	116	.05	.05	.07	.1	3,310	2,200	1,220
7	274	268	.05	503	75	.05	.05	.07	.1	3,410	2,200	1,150
8	307	185	92	465	75	.05	.05	.07	.1	3,270	2,120	951
9	328	144	145	498	53	.05	.05	.07	.1	3,480	1,840	1,450
10	271	144	51	425	145	.05	.05	.07	.1	3,370	1,800	1,450
11	215	108	.05	425	132	.05	.05	.09	.1	3,210	1,750	1,710
12	138	108	.05	395	74	.05	.05	.09	.1	3,090	1,460	1,850
13	104	109	78	311	36	.05	.05	.09	.1	2,900	1,330	1,410
14	35	.05	75	394	.05	.05	.05	.09	.1	2,690	1,420	1,400
15	41	.05	139	285	.05	.05	.05	.09	.1	2,490	1,350	1,390
16	.05	.05	147	285	100	.05	.05	.09	.1	2,690	1,450	1,350
17	.05	42	147	285	75	.05	.05	.09	.1	2,500	1,490	1,270
18	43	74	119	226	49	.05	.05	.09	.1	1,550	1,610	1,210
19	74	74	117	145	139	.05	.05	.09	.1	1,450	1,630	1,230
20	74	74	490	147	89	.05	.05	.09	.1	1,290	1,370	1,190
21	74	74	18	198	31	.05	.05	.07	.1	1,210	1,270	1,090
22	74	43	99	148	97	.05	.05	.07	.1	1,040	1,030	873
23	56	.05	247	86	75	.05	.05	.07	.1	981	1,170	894
24	.05	.05	291	86	33	.05	.05	.07	.1	813	1,210	671
25	.05	.05	290	86	.05	.05	.05	.07	238	730	1,220	610
26	.05	.05	367	86	.05	.05	.05	.05	1,400	485	1,180	433
27	.05	.05	477	86	.05	12	.05	.05	1,540	558	743	774
28	.05	.05	508	86	.05	76	.05	.05	1,400	618	530	670
29	.05	.05	563	50	------	124	.05	.05	3,500	540	771	264
30	.05	.05	628	31	------	148	.05	.05	3,620	765	775	619
31	.05	------	776	123	------	147	------	.05	------	991	704	------
TOTAL	5,683.50	2,877.55	5,864.45	9,878	2,192.30	508.30	265.30	2.15	11,700.4	67,011	43,833	29,892
MEAN	183	95.9	189	319	78.3	16.4	8.84	.069	390	2,162	1,414	996
MAX	871	285	776	767	210	148	87	.09	3,620	3,720	2,210	1,850
MIN	.05	.05	.05	31	.05	.05	.05	.05	.10	485	530	264
AC-FT	11,270	5,710	11,630	19,590	4,350	1,010	526	4.3	23,210	132,900	86,940	59,290
(†)	+87.2	+82.0	+76.3	+79.5	+80.4	+89.7	+95.8	+79.0	+68.9	+79.3	+81.9	+84.0

ADJUSTED FOR NET DIVERSION BY CITY OF TAMPA

MEAN	271	178	265	398	159	106	105	79.1	459	2,241	1,496	1,080
CFSM	.42	.27	.41	.61	.24	.16	.16	.12	.71	3.45	2.30	1.66
IN	.48	.31	.47	.71	.25	.19	.18	.14	.79	3.97	2.65	1.85
AC-FT	16,640	10,590	16,320	24,480	8,810	6,520	6,230	4,860	27,310	137,800	91,980	64,290

	OBSERVED							ADJUSTED						
CAL YR 1973	MEAN	249	MAX	1,350	MIN	.05	AC-FT	180,600	MEAN	327	CFSM	.50	IN 6.82	AC-FT 236,500
WTR YR 1974	MEAN	492	MAX	3,720	MIN	.05	AC-FT	356,500	MEAN	574	CFSM	.88	IN 11.99	AC-FT 415,800

† Net diversion in cubic feet per second, by city of Tampa, furnished by city of Tampa Water Department. Net diversion equals pumpage to water plant minus pumpage from Sulphur Springs to reservoir.

02306000 Sulphur Springs at Sulphur Springs, Fla.

LOCATION.--Lat 28°01'15", long 82°27'05", in NE quarter sec.25, T.28 S., R.18 E., Hillsborough County, at swimming pool, 100 ft (30 m) west of U. S. Highway 41 in Sulphur Springs, and 500 ft (150 m) upstream from mouth of outlet channel at Hillsborough River.

PERIOD OF RECORD.--1917, 1929, 1930 (one discharge measurement in each year); February 1931 to June 1934 (monthly discharge measurements published as "at Tampa"); 1935, 1945, 1946 (miscellaneous discharge measurements); May 1956 to June 1959 (discharge measurements only); July 1959 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to July 15, 1959, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--15 years, 44.1 cfs (1.25 cu m/s), 28.5 mgd (107,870 cu m/d), 31,950 acre-ft/yr (39.4 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 51 cfs (1.44 cu m/s) Aug. 23-25; maximum gage height, 7.54 ft (2.298 m) Aug. 18, 20, 23, 25; minimum daily discharge, 5.9 cfs (0.17 cu m/s) May 13-15 (affected by pumpage); minimum gage height, 6.65 ft (2.027 m) May 13, 15.

Period of record: 1959-74: Maximum daily discharge, not determined (probably occurred March 1960); maximum measured, 111 cfs (3.14 cu m/s) Aug. 21, 1959; maximum gage height, 11.11 ft (3.386 m) Mar. 21, 1960 (pool flooded by Hillsborough River); minimum daily discharge 1.6 cfs (0.045 cu m/s) May 18, 1968 (affected by pumpage); minimum measured, 3.81 cfs (0.11 cu m/s) May 11, 1971; minimum gage height, unknown, below 2.7 ft (0.82 m) most years.

Maximum discharge measured, 163 cfs (4.62 cu m/s) Aug. 3, 1945; minimum measured, that of May 11, 1971.

REMARKS.--Records fair. Discharge measurements made in spring run about 300 ft (90 m) downstream from gage. Flow regulated by operating gates and stoplogs in control at swimming pool outlet at head of springs. Some diversions at times by pumping from the spring pool into Hillsborough River above the dam by the city of Tampa Water Department (see station no. 02304500 Hillsborough River near Tampa, Fla.).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	42	38	40	40	39	36	8.1	7.1	43	44	47
2	44	41	38	40	40	38	35	8.0	6.8	44	45	47
3	43	42	39	40	39	38	35	6.9	6.8	45	46	46
4	43	42	39	41	39	37	35	6.9	7.1	46	46	46
5	43	41	39	41	39	37	35	6.8	21	46	46	46
6	43	41	39	41	39	37	35	6.9	18	46	47	47
7	42	41	39	41	40	36	36	7.0	7.8	47	47	47
8	42	41	39	41	40	37	35	6.8	7.8	47	47	47
9	43	41	39	41	39	36	35	6.8	7.4	47	47	47
10	42	41	39	42	39	36	35	6.5	7.8	48	47	47
11	42	41	39	42	40	36	35	6.5	8.5	48	47	47
12	42	41	39	42	39	36	35	6.5	8.5	47	47	46
13	41	42	40	42	39	35	35	5.9	8.5	47	47	47
14	41	42	40	42	39	35	35	5.9	15	47	47	47
15	41	41	40	42	39	35	36	5.9	32	46	48	47
16	40	41	41	42	39	35	34	13	33	45	48	46
17	40	41	40	42	39	35	34	15	26	45	49	46
18	39	40	40	41	39	35	34	7.1	9.1	45	50	46
19	39	40	40	41	39	35	34	7.1	9.1	46	50	46
20	40	40	41	41	39	35	34	7.1	9.1	47	50	47
21	39	39	41	40	39	35	34	7.1	8.8	47	50	47
22	38	39	41	40	39	36	34	6.8	9.1	47	49	47
23	37	39	41	40	39	37	34	7.1	9.1	47	51	45
24	37	39	40	40	40	36	34	14	23	46	51	45
25	37	38	40	40	40	36	25	31	35	46	51	46
26	37	38	40	40	40	36	9.3	31	37	45	49	46
27	37	38	41	40	40	36	8.7	31	38	44	47	46
28	37	38	40	40	40	36	11	17	40	44	48	46
29	37	38	41	40	------	36	24	15	41	45	47	46
30	38	38	41	40	------	36	7.8	16	42	45	47	46
31	38	------	40	40	------	36	------	7.4	------	44	47	------
TOTAL	1,246	1,206	1,234	1,265	1,102	1,119	919.8	334.1	539.4	1,422	1,482	1,392
MEAN	40.2	40.2	39.8	40.8	39.4	36.1	30.7	10.8	18.0	45.9	47.8	46.4
MAX	44	42	41	42	40	39	36	31	42	48	51	47
MIN	37	38	38	40	39	35	7.8	5.9	6.8	43	44	45
AC-FT	2,470	2,390	2,450	2,510	2,190	2,220	1,820	663	1,070	2,820	2,940	2,760

CAL YR 1973 TOTAL 13,293.2 MEAN 36.4 MAX 50 MIN 7.8 AC-FT 26,370
WTR YR 1974 TOTAL 13,261.3 MEAN 36.3 MAX 51 MIN 5.9 AC-FT 26,300

02306000 Sulphur Springs at Sulphur Springs, Fla.

DAILY MEAN DIVERSIONS, IN CUBIC FEET PER SECOND, FROM SULPHUR SPRINGS, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								24	23			
2								24	23			
3								24	23			
4								24	23			
5								24	8.7			
6								24	12			
7								24	23			
8								24	23			
9								24	23			
10								24	23			
11								24	22			
12								24	22			
13								24	22			
14								24	14			
15								24				
16								16				
17								15	6.8			
18								23	24			
19								23	24			
20								23	24			
21								23	24			
22								23	24			
23								23	24			
24								15	10			
25							9.8					
26							24					
27							24					
28							20	13				
29					------		9.0	14				
30					------		24	14				
31		------			------		------	23	------			------

02306100 Old Tampa Bay at Rocky Point at Tampa, Fla.

LOCATION.--Lat 27°57'59", long 82°33'57", in NW quarter sec.13, T.29 S., R.17 E., Hillsborough County, on southeast shore of Rocky Point on northeast side of bay, 500 ft (150 m) south of Courtney Campbell Causeway, and 6.9 miles (11.1 km) west of city hall in Tampa.

PERIOD OF RECORD.--April 1963 to September 1965 (elevations only); October 1965 to March 1974 (maximum and minimum gage heights only), discontinued.

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level. Prior to Sept. 14, 1971 at present site at datum 8.61 ft (2.624 m) higher.

EXTREMES.--Maximum gage height, during period October 1973 to March 1974, 12.92 ft (3.938 m) Oct. 28; minimum, 7.50 ft (2.286 m) Feb. 27 (estimated).
Period of record: Maximum gage height, 16.10 ft (4.907 m) June 19, 1972 (affected by hurricane); minimum, 6.70 ft (2.042 m) Jan. 16, 1972 (estimated).

REMARKS.--Gage records water level and tidal fluctuations in Old Tampa Bay. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred, on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.20	10.95	10.96	11.39	11.74	11.37						
2	12.07	11.55	11.26	11.44	12.22	11.50						
3	11.70	11.26	11.86	11.61	12.41	11.51						
4	11.59	11.79	12.60	11.79	9.85	11.76						
5	11.62	11.91	12.56	11.80	10.63	11.75						
6	11.57	11.26	11.38	12.21	12.24							
7	11.77	11.40	11.18	12.27	12.65							
8	11.98	11.94	10.95	12.40	12.58							
9	12.03	12.24	11.73	12.22	11.18							
10	11.77	12.30	12.14	12.19	10.57							
11	11.58	10.64	11.98	12.11	11.07							
12	11.75	11.52	11.58	11.51	11.62							
13	12.08	12.26	12.12	10.94	11.70							
14	12.33	12.59	12.50	11.65	11.80							
15	12.50	12.58	11.86	11.43	11.54							
16	12.88	12.62	11.99	11.27	11.96							
17	12.87	11.71	10.66	11.31	11.12							
18	11.35	12.19	10.71	11.48	11.04							
19	10.88	12.21	11.76	11.70	12.71							
20	10.82	12.48	12.15	11.20	10.84							
21	11.38	12.34	10.48	12.33	11.82							
22	11.46	11.60	10.70	11.98	12.24							
23	11.41	12.11	10.74	11.84	11.13							
24	11.44	12.06	11.70	11.84	11.15							
25	11.84	12.82	11.98	11.83	10.70							
26	12.40	12.83	12.02	11.69	9.84							
27	12.35	12.75	11.92	11.56	10.71							
28	12.92	12.81	11.30	11.93	11.22							
29	12.91	11.52	11.29	11.64	------							
30	12.14	10.31	11.38	11.86	------							
31	12.16	------	11.60	11.67	------		------		------			------
MEAN	11.93	11.95	11.58	11.74	11.44							
MAX	12.92	12.83	12.60	12.40	12.71							
MIN	10.82	10.31	10.48	10.94	9.84							

CAL YR 1973 MEAN 11.78 MAX 13.15 MIN 10.07

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02306100 Old Tampa Bay at Rocky Point at Tampa, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.65	9.40	8.90	9.63	8.90	8.60						
2	9.60	9.41	9.35	9.12	9.02	8.50						
3	9.38	9.08	10.01	8.75	9.05	8.40						
4	9.37	9.77	10.24	8.81	8.49	8.54						
5	9.45	10.35	10.44	8.45	7.60	8.70						
6	9.55	9.63	9.68	8.51	9.29							
7	9.65	9.41	8.17	8.54	9.64							
8	9.85	9.42	8.43	8.60	9.58							
9	9.97	9.32	8.40	8.79	8.70							
10	9.63	8.77	8.53	9.05	8.46							
11	9.36	7.86	8.34	9.19	9.34							
12	9.29	8.41	8.45	9.11	8.90							
13	9.40	9.02	9.26	9.04	9.25							
14	9.34	9.39	9.66	8.95	9.24							
15	9.44	9.80	9.65	9.18	9.27							
16	9.86	9.86	10.45	8.89	9.33							
17	9.76	9.63	8.75	8.61	8.85							
18	9.12	10.13	8.55	8.52	8.70							
19	8.76	10.39	8.46	8.62	9.94							
20	8.96	9.96	9.34	8.91	9.16							
21	9.54	9.93	8.81	9.16	9.40							
22	9.69	9.54	7.76	8.80	9.58							
23	9.50	9.15	8.21	8.85	8.80							
24	9.13	9.17	8.51	8.90	8.80							
25	9.38	9.76	8.95	9.02	8.59							
26	9.55	9.74	9.27	9.45	7.90							
27	9.55	9.71	8.95	9.46	7.50							
28	10.02	9.92	8.45	9.86	8.42							
29	9.40	8.03	8.85	9.54	------							
30	9.31	8.39	9.29	9.60	------							
31	9.88	------	9.71	9.36	------		------		------			------
MEAN	9.49	9.41	9.03	9.01	8.92							
MAX	10.02	10.39	10.45	9.86	9.94							
MIN	8.76	7.86	7.76	8.45	7.50							

CAL YR 1973 MEAN 9.28 MAX 10.72 MIN 7.42

02306289 Lake Magdalene Outlet near Lutz, Fla.

LOCATION.--Lat 28°04'26", long 82°30'01", in SE quarter sec.4, T.28 S., R.18 E., Hillsborough County, on right bank of canal, 20 ft (6 m) downstream from stoplog control structure, 0.1 mile (0.2 km) upstream from inlet to Bay Lake, and 5.8 miles (9.3 km) southwest of Lutz.

DRAINAGE AREA.--2.2 sq mi (5.7 sq km), approximately.

PERIOD OF RECORD.--October 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 42.3 ft (12.9 m) above mean sea level, approximately.

EXTREMES.--Current year: Maximum discharge, 18 cfs (0.510 cu m/s) Sept. 15 (gage height, 4.93 ft, 1.503 m); no flow many days; minimum gage height, 3.66 ft (1.116 m) May 7.

Period of record: Maximum discharge, that of Sept. 15, 1974; no flow for many days in 1971, 1974; channel dry for many days in 1971 (minimum gage height in isolated pool, 3.45 ft, 1.052 m).

REMARKS.--Records poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.30	.30	.01	.39	.23	.01	.21	0	0	.15	1.3	1.1
2	.27	.26	0	.36	.22	.01	.22	0	0	.15	1.4	1.5
3	.21	.24	0	.33	.20	.15	.20	0	0	.15	1.7	1.8
4	.19	.23	.11	.33	.18	.22	.19	0	0	.14	1.8	2.0
5	.17	.20	.10	.27	.16	.19	.20	0	0	.14	2.0	2.3
6	.13	.18	.11	.31	.13	.18	.21	0	0	.16	2.0	7.0
7	.21	.14	.09	.30	.10	.21	.25	0	0	.16	2.0	7.7
8	.33	.12	.17	.21	.19	.42	.25	0	0	.18	2.4	8.6
9	.57	.11	.18	.24	.18	.41	.26	0	.01	.19	2.6	11
10	.48	.11	.15	.27	.17	.35	.24	0	.05	.19	2.8	11
11	.42	.12	.15	.27	.16	.29	.22	0	.13	.23	2.8	12
12	.42	.21	.14	.25	.13	.25	.21	0	.05	.27	2.8	12
13	.42	.28	.13	.30	.11	.21	.22	0	.05	.32	3.0	13
14	.39	.30	.15	.30	.11	.15	.22	0	.03	.32	2.8	14
15	.36	.27	.15	.27	.09	.13	.20	0	.04	.35	3.2	15
16	.33	.21	.19	.24	.11	.06	.20	0	.04	.38	3.6	15
17	.33	.17	.18	.17	.12	.02	.21	.03	.01	.41	3.6	14
18	.30	.13	.15	.14	.10	0	.20	.03	.03	.44	3.6	13
19	.27	.12	.17	.16	.10	0	.19	0	.04	.59	3.8	13
20	.27	.10	.20	.14	.10	0	.14	0	.06	.67	3.9	11
21	.24	.07	.29	.18	.10	0	.06	0	.07	.67	3.9	9.7
22	.24	.12	.27	.20	.10	.22	0	0	.07	.67	2.0	8.4
23	.21	.13	.24	.24	.10	.31	0	0	.08	.77	.47	7.3
24	.21	.13	.27	.27	.09	.22	0	0	.16	.82	.21	6.5
25	.19	.11	.24	.28	.10	.13	0	0	.19	.88	.25	5.8
26	.19	.07	.24	.23	.07	.12	0	0	.19	1.0	.23	5.0
27	.17	.05	.38	.21	.04	.12	0	0	.19	1.1	.21	5.3
28	.17	.05	.48	.18	.02	.09	0	0	.20	1.2	.19	4.9
29	.17	.09	.45	.20	------	.12	0	0	.21	1.4	.23	4.3
30	.19	.05	.42	.24	------	.21	0	0	.26	1.3	.27	3.8
31	.21	------	.39	.27	------	.22	------	0	------	1.5	.41	------
TOTAL	8.56	4.67	6.20	7.75	3.51	5.02	4.30	.06	2.16	16.90	61.47	247.0
MEAN	.28	.16	.20	.25	.13	.16	.14	.002	.072	.55	1.98	8.23
MAX	.57	.30	.48	.39	.23	.42	.26	.03	.26	1.5	3.9	15
MIN	.13	.05	0	.14	.02	0	0	0	0	.14	.19	1.1
AC-FT	17	9.3	12	15	7.0	10.0	8.5	.1	4.3	34	122	490

CAL YR 1973 TOTAL 59.71 MEAN .16 MAX .5 MIN 0 AC-FT 118
WTR YR 1974 TOTAL 367.60 MEAN 1.01 MAX 15 MIN 0 AC-FT 729

02306500 Sweetwater Creek near Sulphur Springs, Fla.

LOCATION (revised).--Lat 28°02'35", long 82°30'42", in SW quarter sec.16, T.28 S., R.18 E., Hillsborough County, 25 ft (8 m) upstream from culverts on private road, 160 ft (50 m) upstream from Gunn Highway, 1.7 miles (2.7 km) downstream from Lake Ellen, 3.5 miles (5.6 km) west of intersection of Interstate 75 and Busch Boulevard at Sulphur Springs, and 7.4 miles (11.9 km) upstream from mouth.

DRAINAGE AREA.--7.43 sq mi (19.24 sq km).

PERIOD OF RECORD.--October 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 26.00 ft (7.925 m) above mean sea level. Prior to May 3, 1974, at site 160 ft (50 m) downstream. Prior to October 15, 1965 at datum 4.68 ft (1.426 m) higher; Oct. 15, 1965 to May 15, 1967, at datum 3.00 ft (0.914 m) higher; May 15, 1967 to May 3, 1974, at present datum.

AVERAGE DISCHARGE.--23 years, 6.65 cfs (0.19 cu m/s) 4,820 acre-ft/yr (5.94 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 93 cfs (2.63 cu m/s) Nov. 1; maximum gage height, 7.91 ft (2.411 m) June 27; no flow for part of June 9; minimum gage height, 3.15 ft (0.960 m) Oct. 6.
Period of record: Maximum discharge, 438 cfs (12.4 cu m/s) Mar. 17, 1960 (gage height, 8.93 ft, 2.722 m, present datum, former site); no flow for many days in some years; creek dry at gage in June 1956.

REMARKS.--Records fair. Flow affected by regulation of control structures above station. Since Feb. 10, 1953, flow occasionally diverted from Hillsborough River basin into the upper portion of Sweetwater Creek basin.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	44	1.4	3.5	.89	.59	1.4	.47	.10	19	9.4	6.8
2	.86	15	1.4	2.8	.87	.52	1.5	.45	.15	18	11	5.7
3	.58	10	1.4	2.2	.83	.61	1.3	.46	.29	19	12	7.5
4	.46	8.8	1.4	2.1	.85	.57	1.2	.46	.31	19	11	6.3
5	.39	7.4	1.4	2.0	.80	.61	1.1	.45	.55	19	15	5.8
6	.26	5.8	1.5	1.9	.70	.55	1.1	.53	.39	20	19	18
7	.31	4.4	2.6	1.9	.70	.55	.97	.51	.36	21	15	16
8	1.2	3.5	4.2	1.9	.75	.52	.95	.53	.29	17	12	14
9	5.9	3.0	3.1	1.8	.75	.51	.94	.46	.05	15	9.9	13
10	2.7	2.7	2.3	1.6	.68	.52	.85	.39	.25	13	8.6	12
11	1.9	2.4	1.8	1.5	.66	.53	.67	.26	2.0	11	7.3	11
12	1.5	2.2	1.4	1.4	.64	.51	.67	.43	1.1	13	6.4	11
13	.97	2.0	1.3	1.3	.64	.50	.88	.47	.62	16	5.8	10
14	.82	2.0	1.7	1.3	.65	.49	.85	.41	.75	13	5.0	11
15	.77	1.9	1.8	1.2	.61	.57	.71	.62	.86	11	4.2	12
16	.65	1.9	4.3	1.1	.73	.54	.94	.75	.69	9.4	4.7	11
17	.61	1.9	3.5	1.2	.80	.60	.98	1.1	.61	7.9	4.7	11
18	.58	1.9	2.3	1.1	.70	.57	.75	.74	.62	7.8	5.0	11
19	.53	1.9	1.8	1.1	.67	.63	.64	.45	.75	8.3	4.1	14
20	.52	1.7	4.7	1.1	.69	.61	.62	.40	.64	7.3	3.6	12
21	.44	1.7	5.3	1.3	.57	.61	.58	.39	.56	6.4	3.6	11
22	.44	1.7	3.9	1.3	.62	2.6	.54	.34	.80	6.4	3.4	9.8
23	.44	1.6	3.2	1.2	.64	2.6	.62	.38	1.0	6.9	3.4	8.8
24	.32	1.5	2.8	1.1	.64	2.8	.66	.44	4.4	5.5	3.3	8.3
25	.32	1.5	2.4	1.1	.62	2.5	.63	.37	22	6.2	3.1	7.5
26	.31	1.5	1.9	1.3	.63	2.3	.53	.33	37	6.1	2.9	7.7
27	.32	1.5	21	1.2	.59	1.9	.48	.32	58	5.3	2.7	7.5
28	.40	1.5	14	1.0	.57	1.8	.50	.34	39	6.3	4.2	7.2
29	.59	1.7	8.6	1.0	------	1.6	.47	.21	27	11	7.5	6.6
30	.46	1.4	6.0	.98	------	1.7	.47	.14	21	11	7.2	6.1
31	.60	------	4.4	.88	------	1.4	------	.22	------	10	5.8	------
TOTAL	27.35	140.0	118.8	46.36	19.49	32.91	24.50	13.82	222.14	365.8	220.8	299.6
MEAN	.88	4.67	3.83	1.50	.70	1.06	.82	.45	7.40	11.8	7.12	9.99
MAX	5.9	44	21	3.5	.89	2.8	1.5	1.1	58	21	19	18
MIN	.26	1.4	1.3	.88	.57	.49	.47	.14	.05	5.3	2.7	5.7
AC-FT	54	278	236	92	39	65	49	27	441	726	438	594

CAL YR 1973 TOTAL 865.33 MEAN 2.37 MAX 44 MIN .10 AC-FT 1,720
WTR YR 1974 TOTAL 1,531.57 MEAN 4.20 MAX 58 MIN .05 AC-FT 3,040

PEAK DISCHARGE (BASE, 60 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
11-01	0230	6.83	93	6-27	0145	7.91	63

02306647 Sweetwater Creek near Tampa, Fla.

LOCATION.--Lat 28°00'55", long 82°32'31", in S half sec.30, T.28 S., R.18 E., Hillsborough County, at bridge on paved road 1000 ft (300 m) upstream from structure H-1, 2.0 miles (3.2 km) above State Highway 580 (Hillsborough Avenue), 3.5 miles (5.6 km) west of Tampa, and 4.4 miles (7.1 km) upstream from mouth.

DRAINAGE AREA.--14.3 sq mi (37.0 sq km).

PERIOD OF RECORD.--April 1964 to current year (discharge measurements only).

GAGE.--Reference point.

EXTREMES.--Period of record: Maximum discharge measured, 157 cfs (4.45 cu m/s) Jan. 6, 1970; no flow observed May 16, 1967.

REMARKS.--Since July 10, 1970, flow affected by concrete control structure H-1.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 16	4.6	May 3	0.95
Jan. 21	8.5	Aug. 21	11
Mar. 8	4.7		

02307000 Rocky Creek near Sulphur Springs, Fla.

LOCATION.--Lat 28°02'12", long 82°34'34", in NW quarter sec.23, T.28 S., R.17 E., Hillsborough County, on left bank 75 ft (23 m) upstream from concrete control, 2.8 miles (4.5 km) downstream from Brushy Creek, 5.8 miles (9.3 km) upstream from mouth, and 7.4 miles (11.9 km) west of intersection of Interstate 75 and Busch Boulevard at Sulphur Springs.

DRAINAGE AREA.--35 sq mi (90 sq km), approximately.

PERIOD OF RECORD.--January 1953 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is at mean sea level. Prior to Mar. 23, 1971, at site 1500 ft (450 m) upstream at datum 0.15 ft (0.046 m) lower.

AVERAGE DISCHARGE.--21 years, 36.5 cfs (1.03 cu m/s), 14.16 in/yr (360 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,250 cfs (35.4 cu m/s) June 27 (gage height, 9.05 ft, 2.758 m); minimum, 0.70 cfs (0.020 cu m/s) May 15 (gage height, 5.24 ft, 1.597 m).
Period of record: Maximum discharge, 2,840 cfs (80.4 cu m/s) July 29, 1960 (gage height, 17.03 ft, 5.191 m, former site and datum); no flow Apr. 7 to May 5, 1967; minimum gage height, 1.19 ft (0.363 m) Nov. 3, 1963 (former site and datum).

REMARKS.--Records fair. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 1905: 1953-65(P).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	60	10	37	11	9.4	8.7	6.7	5.3	388	96	73
2	36	45	10	32	11	9.7	7.6	8.7	5.3	302	90	74
3	34	26	10	29	9.1	8.6	7.4	12	4.6	305	97	78
4	33	18	10	28	10	9.2	7.1	12	3.3	272	101	58
5	31	15	7.4	28	10	8.4	6.7	8.7	4.0	253	148	53
6	30	14	8.9	28	10	9.4	6.9	8.0	3.3	187	260	183
7	29	12	13	26	10	8.5	8.4	6.7	3.3	184	195	274
8	29	11	25	25	11	5.5	9.4	5.3	3.3	160	135	168
9	33	11	28	22	7.8	3.3	11	4.6	6.7	122	108	138
10	34	11	22	20	7.7	2.9	16	3.3	6.7	99	93	123
11	31	10	15	19	7.7	2.9	10	2.6	5.3	80	80	109
12	29	9.1	12	18	8.1	3.8	9.4	1.6	2.6	74	70	97
13	27	9.1	10	17	8.5	5.9	11	1.0	2.1	122	66	88
14	26	9.1	12	16	9.1	8.6	12	.87	8.4	111	60	89
15	25	8.4	15	16	9.3	7.7	13	8.0	5.4	72	54	102
16	24	6.9	28	16	10	6.2	15	4.0	6.1	55	54	93
17	22	5.9	25	15	9.9	1.5	15	1.0	6.1	45	67	85
18	20	5.7	21	15	9.8	1.4	13	1.3	8.4	53	61	75
19	18	9.1	15	15	9.3	2.2	12	1.3	7.6	81	55	68
20	17	8.4	16	14	10	2.1	10	1.3	7.6	67	49	68
21	15	8.5	26	14	11	2.0	4.0	1.3	11	47	42	59
22	14	8.9	23	14	10	13	4.0	1.6	12	39	39	55
23	14	9.1	17	14	9.8	31	4.0	2.0	13	37	38	55
24	13	8.7	14	14	9.3	34	4.0	2.0	34	37	39	50
25	13	9.1	12	14	8.9	29	3.3	2.0	175	36	39	48
26	13	9.1	11	14	9.5	30	4.0	2.0	515	49	43	43
27	12	9.2	59	14	9.8	36	3.3	1.6	1,080	64	50	40
28	12	9.5	168	14	9.4	29	4.0	1.6	777	60	54	37
29	12	10	110	13	------	22	5.3	2.6	550	102	57	35
30	12	9.8	61	13	------	17	6.7	3.3	386	150	55	31
31	13	------	43	12	------	12	------	4.6	------	118	57	------
TOTAL	712	396.6	857.3	586	267.0	372.2	252.2	123.57	3,658.4	3,771	2,452	2,549
MEAN	23.0	13.2	27.7	18.9	9.54	12.0	8.41	3.99	122	122	79.1	85.0
MAX	41	60	168	37	11	36	16	12	1,080	388	260	274
MIN	12	5.7	7.4	12	7.7	1.4	3.3	.87	2.1	36	38	31
CFSM	.66	.38	.79	.54	.27	.34	.24	.11	3.49	3.49	2.26	2.43
IN.	.76	.42	.91	.62	.28	.40	.27	.13	3.89	4.01	2.61	2.71

CAL YR 1973 TOTAL 6,213.91 MEAN 17.0 MAX 168 MIN .52 CFSM .49 IN 6.60
WTR YR 1974 TOTAL 15,997.27 MEAN 43.8 MAX 1,080 MIN .87 CFSM 1.25 IN 17.00

PEAK DISCHARGE (BASE, 350 CFS).--June 27 (1200) 1,250 cfs (9.05 ft).

02307323 Brooker Creek near Lake Fern, Fla.

LOCATION.--Lat 28°08'26", long 82°38'24", in NE quarter sec.18, T.27 S., R.17 E., Hillsborough County, near center of span on downstream side of bridge on State Highway 582, 2.9 miles (4.7 km) downstream from Island Ford Lake, 3.7 miles (6.0 km) west of Lake Fern, 6.0 miles (9.7 km) northwest of Citrus Park, and 6.5 miles (10.5 km) upstream from mouth.

DRAINAGE AREA.--17 sq mi (44 sq km), approximately.

PERIOD OF RECORD.--August 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 25.52 ft (7.778 m) above mean sea level.

EXTREMES.--Current year: Maximum discharge, 333 cfs (9.43 cu m/s) June 27 (gage height, 5.90 ft, 1.798 m); no flow for many days; creek dry at gage many days.

Period of record: Maximum discharge, that of June 27, 1974; no flow for many days each year; creek dry at gage for many days each year.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.56		0	2.2	.66	0	.19		0	143	102	37
2	.41		0	1.7	.51	0	.09		0	137	108	36
3	.31		0	1.4	.39	0	.04		0	130	121	46
4	.23		0	1.1	.27	0	.03		0	123	91	42
5	.18		0	.96	.17	0	0		0	127	117	35
6	.14		0	.84	.06	0	0		0	168	139	110
7	.09		0	.76	.02	0	0		0	130	158	128
8	.02		0	.71	0	0	0		0	112	120	84
9	0		0	.63	0	0	0		0	105	100	74
10	0		0	.54	0	0	0		0	95	137	66
11	0		0	1.1	0	0	0		0	86	116	59
12	0		0	2.6	0	0	0		0	81	95	54
13	0		0	3.6	0	0	0		.51	78	92	53
14	0		0	4.0	0	0	0		.44	70	82	56
15	0		0	4.1	0	0	0		.18	61	70	55
16	0		0	4.1	0	0	0		.01	54	89	53
17	0		0	4.0	0	0	0		0	50	81	49
18	0		0	3.8	0	0	0		0	64	64	45
19	0		0	3.4	0	0	0		0	61	54	41
20	0		0	3.1	0	0	0		0	52	48	38
21	0		0	2.8	0	0	0		0	45	49	36
22	0		0	2.5	0	.62	0		0	41	66	34
23	0		0	2.1	0	4.6	0		0	37	63	31
24	0		0	1.8	0	3.8	0		.88	35	55	29
25	0		0	1.6	0	2.7	0		163	35	49	28
26	0		0	2.0	0	1.8	0		172	38	47	26
27	0		1.4	1.8	0	1.2	0		277	38	53	26
28	0		11	1.5	0	.84	0		156	41	63	25
29	0		7.7	1.2	------	.62	0		137	53	60	24
30	0		4.3	.97	------	.48	0		141	52	49	22
31	0	------	3.0	.81	------	.32	------		------	103	42	------
TOTAL	1.94	0	27.4	63.72	2.08	16.98	.35	0	1,048.02	2,445	2,580	1,442
MEAN	.063	0	.88	2.06	.074	.55	.012	0	34.9	78.9	83.2	48.1
MAX	.56	0	11	4.1	.66	4.6	.19	0	277	168	158	128
MIN	0	0	0	.54	0	0	0	0	0	35	42	22
CFSM	.004	0	.05	.12	.004	.03	.0007	0	2.05	4.64	4.89	2.83
IN.	.004	0	.06	.14	.004	.04	0	0	2.29	5.35	5.65	3.16

CAL YR 1973 TOTAL 112.18 MEAN .31 MAX 11 MIN 0 CFSM .02 IN .25
WTR YR 1974 TOTAL 7,627.49 MEAN 20.9 MAX 277 MIN 0 CFSM 1.23 IN 16.69

02307359 Brooker Creek near Tarpon Springs, Fla.

LOCATION.--Lat 28°05'45", long 82°41'15", in NE quarter sec.34, T.27 S., R.16 E., Pinellas County, on right bank, 1.9 miles (3.1 km) upstream from mouth, and 5 miles (8.0 km) southeast of Tarpon Springs.

DRAINAGE AREA.--30 sq mi (78 sq km), approximately.

PERIOD OF RECORD.--August 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--24 years, 23.8 cfs (0.67 cu m/s), 10.77 in/yr (274 mm/yr).

EXTREMES.--Current year: Maximum discharge, 952 cfs (27.0 cu m/s) June 26, 27 (gage height, 12.22 ft, 3.725 m); no flow for many days; minimum gage height, 7.12 ft (2.170 m) June 1, 2.
Period of record: Maximum discharge, 1,600 cfs (45.3 cu m/s) Mar. 17, 1960 (gage height, 13.32 ft, 4.060 m); no flow for many days in most years; minimum gage height, 5.76 ft (1.756 m) June 2-4, 1968.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WRD Fla. 1969: 1968(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	.22	0	20	.76	.32	4.6	.02	0	153	81	63
2	3.8	.12	0	15	.64	.25	3.7	.02	.04	141	86	58
3	2.9	.11	0	12	.52	.21	2.8	.02	.09	172	96	49
4	2.3	.10	0	10	.42	.19	2.2	.02	.05	164	96	44
5	1.8	.09	0	9.3	1.1	.15	1.7	.01	.04	151	102	43
6	1.3	.09	.01	8.1	.72	.12	1.4	.01	.04	132	146	174
7	.96	.08	.01	6.5	.68	.15	.96	.01	.03	120	155	265
8	.65	.07	.03	5.7	.86	.14	.72	.01	.03	122	147	166
9	.40	.07	.01	5.5	.69	.11	.49	.01	.02	112	133	128
10	.29	.06	0	6.1	.45	.10	.35	0	.05	97	106	124
11	.18	.06	0	5.3	1.7	.30	.45	0	.32	81	87	101
12	.11	.06	0	4.5	.62	.27	.42	0	.12	72	78	82
13	.08	.05	0	3.8	.29	.21	.17	0	.09	69	81	69
14	.07	.05	.02	3.3	.28	.17	.11	0	.13	63	78	60
15	.07	.05	.01	2.9	.36	.14	.11	0	.16	57	71	54
16	.06	.05	.28	2.5	.73	.14	.11	0	.12	52	66	50
17	.06	0	.79	2.9	.85	.12	.17	.02	.10	47	61	48
18	.06	0	1.5	2.4	.80	1.8	.10	.03	.09	44	57	47
19	.05	0	2.2	2.2	1.3	.97	.07	.02	.10	43	55	44
20	.05	0	2.7	2.0	3.1	.31	.06	.01	.12	42	52	42
21	.04	0	2.6	1.8	2.4	.48	.05	0	.10	41	53	39
22	.05	0	2.2	1.6	1.8	10	.05	0	.09	44	57	36
23	.04	0	1.9	1.5	1.1	30	.05	0	.12	44	55	34
24	.03	0	1.6	1.3	.78	43	.04	0	1.4	41	68	31
25	.03	0	1.4	1.2	.60	37	.19	0	278	38	76	29
26	.03	0	1.3	1.1	.63	29	.15	0	625	38	86	28
27	.03	0	18	.95	.59	20	.04	0	856	41	95	28
28	.03	0	47	.84	.40	15	.03	0	513	48	142	28
29	.05	0	51	.76	------	10	.20	0	309	51	118	28
30	.03	0	37	.85	------	7.7	.05	0	195	55	86	26
31	.06	------	26	.93	------	5.8	------	0	------	81	69	------
TOTAL	20.11	1.33	197.56	142.83	25.17	214.15	21.54	.21	2,779.45	2,456	2,739	2,018
MEAN	.65	.044	6.37	4.61	.90	6.91	.72	.007	92.6	79.2	88.4	67.3
MAX	4.5	.22	51	20	3.1	43	4.6	.03	856	172	155	265
MIN	.03	0	0	.76	.28	.10	.03	0	0	38	52	26
CFSM	.02	.002	.21	.15	.03	.23	.02	.0002	3.09	2.64	2.95	2.24
IN.	.02	.001	.24	.18	.03	.27	.03	0	3.45	3.05	3.40	2.50

CAL YR 1973 TOTAL 1,006.73 MEAN 2.76 MAX 51 MIN 0 CFSM .09 IN 1.25
WTR YR 1974 TOTAL 10,615.35 MEAN 29.1 MAX 856 MIN 0 CFSM .97 IN 13.16

02307462 Lake Tarpon Sink near Tarpon Springs, Fla.

LOCATION.--Lat 28°07'34", long 82°44'13", in NE quarter sec. 19, T.27 S., R.16 E., Pinellas County, in diked sinkhole on west shore of Lake Tarpon, 1.8 miles (2.9 km) southeast of Tarpon Springs.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--February 1970 to current year (maximum and minimum gage heights only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Southwest Florida Water Management District).

EXTREMES.--Current year: Maximum gage height, 5.47 ft (1.667 m) Feb. 7; minimum, 1.34 ft (0.408 m) Feb. 27.
Period of record: Maximum gage height, 6.43 ft (1.960 m) June 19, 1972; minimum, 0.57 ft (0.174 m) Dec. 17, 1973.

REMARKS.--Gage records water levels and tidal fluctuations in diked sinkhole on west shore of Lake Tarpon near Tarpon Springs (station No. 02307479). Flow may be diverted from the lake to the sinkhole through four 5-ft (1.5 m) gated underdrain culverts in the dike. The sinkhole is connected to the Gulf of Mexico through underground formations. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.34	4.05	3.65	3.83	3.77	3.03	3.20	3.18	3.18	4.05	3.86	4.49
2	4.22	3.94	3.78	3.84	3.92	3.07	3.28	3.31	3.44	4.05	3.85	4.50
3	4.19	3.93	3.97	3.78	4.29	3.04	3.38	3.34	3.39	4.04	3.86	4.58
4	4.15	4.05	4.36	3.81	3.38	2.82	3.45	3.50	3.38	3.97	3.88	4.60
5	4.11	4.08	4.41	3.78	3.63	3.37	3.59	3.91	3.37	3.89	4.04	4.63
6	4.04	3.94	3.91	4.06	4.70	3.60	3.39	4.12	3.23	3.84	4.02	4.85
7	4.15	4.07	3.82	4.17	5.47	3.45	3.46	3.83	3.21	3.78	4.04	4.84
8	4.16	4.20	4.04	4.12	5.22	3.36	3.61	3.78	3.15	3.63	4.11	4.94
9	4.29	4.26	4.42	4.17	4.35	3.21	3.46	3.76	3.00	3.58	4.11	4.84
10	4.28	3.98	4.74	4.21	3.56	3.20	3.34	3.55	2.89	3.51	4.15	4.75
11	4.20	3.83	4.19	3.90	3.67	3.08	3.45	3.91	2.83	3.63	4.15	4.77
12	4.26	4.26	3.53	3.94	3.85	3.19	3.70	3.66	2.74	3.69	4.11	4.76
13	4.30	4.24	4.71	3.73	3.82	3.32	3.40	3.17	2.72	3.60	4.18	5.20
14	4.33	4.36	4.88	3.89	3.81	2.90	3.90	3.10	2.89	3.71	4.25	5.20
15	4.49	4.32	4.24	3.79	3.62	2.83	3.70	3.12	2.96	3.76	4.25	5.10
16	4.44	4.27	4.25	3.71	4.21	2.79	3.60	3.12	3.07	3.83	4.27	4.90
17	4.17	3.82	3.76	3.70	3.37	2.31	3.50	3.27	3.13	3.82	4.25	4.70
18	4.06	3.96	3.61	3.69	3.24	2.41	3.30	3.31	3.14	3.77	4.29	4.90
19	3.97	3.96	3.99	3.74	4.23	2.68	3.50	3.40	3.33	3.80	4.25	4.90
20	3.96	4.10	4.56	4.10	4.67	2.66	3.30	3.60	3.57	3.82	4.23	4.80
21	4.03	4.10	3.60	3.97	3.92	3.06	3.50	3.69	4.07	3.83	4.22	4.70
22	4.03	3.99	3.45	3.62	4.08	2.82	4.00	4.25	3.99	3.73	4.20	5.00
23	4.03	3.97	3.84	3.98	3.53	3.14	4.00	4.55	3.62	3.69	4.32	4.80
24	4.03	4.37	4.08	4.00	3.44	3.12	4.00	3.94	4.80	3.64	4.25	4.80
25	4.23	3.98	4.28	4.05	3.25	3.23	3.20	3.58	4.35	3.60	4.29	5.10
26	4.21	4.52	4.21	3.98	2.74	3.21	3.60	3.54	3.85	3.58	4.27	5.30
27	4.44	3.95	3.82	3.97	2.98	3.20	3.40	3.41	4.19	3.59	4.30	5.10
28	4.58	4.55	3.98	4.03	2.99	3.20	3.60	3.01	4.11	3.68	4.33	4.70
29	4.17	4.37	3.80	3.92	------	3.26	3.30	2.98	4.07	3.78	4.40	4.70
30	4.11	3.53	3.84	3.95	------	3.20	3.15	3.08	4.07	3.73	4.44	4.50
31	4.36	------	3.86	3.85	------	3.13	------	3.13	------	3.78	4.42	------
MEAN	4.20	4.10	4.05	3.91	3.85	3.06	3.51	3.52	3.46	3.75	4.18	4.83
MAX	4.58	4.55	4.88	4.21	5.47	3.60	4.00	4.55	4.80	4.05	4.44	5.30
MIN	3.96	3.53	3.45	3.62	2.74	2.31	3.15	2.98	2.72	3.51	3.85	4.49

CAL YR 1973 MEAN 3.89 MAX 5.39 MIN 3.09
WTR YR 1974 MEAN 3.87 MAX 5.47 MIN 2.31

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02307462 Lake Tarpon Sink near Tarpon Springs, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.41	3.32	2.82	2.74	2.61	1.71	2.37	2.25	1.99	3.04	2.94	3.32
2	3.53	3.36	3.07	3.02	2.50	1.73	2.48	2.20	2.22	3.08	2.75	3.41
3	3.53	3.35	3.27	2.24	2.51	1.61	2.48	2.09	2.12	2.97	2.89	3.47
4	3.54	3.52	3.26	2.28	2.52	1.55	2.63	2.04	2.05	3.40	2.83	3.55
5	3.60	3.52	3.28	1.98	1.44	1.53	2.60	2.14	2.02	2.78	3.05	3.65
6	3.57	3.28	3.01	1.91	2.19	1.52	1.92	2.14	2.56	2.77	3.05	3.83
7	3.58	3.14	2.20	1.97	2.30	1.50	2.32	2.03	2.49	2.77	3.17	3.88
8	3.64	3.60	2.32	1.95	2.45	1.53	2.36	2.04	1.96	2.70	3.29	3.81
9	3.44	3.04	2.08	1.93	2.25	1.54	2.19	2.04	2.00	2.70	3.23	3.72
10	3.53	2.62	2.04	2.06	1.90	1.42	2.60	2.14	1.96	2.78	3.25	3.26
11	3.27	2.05	1.61	2.26	2.46	1.41	2.07	2.84	2.00	2.93	3.16	3.25
12	3.18	2.38	1.74	2.33	2.19	1.61	2.26	2.51	2.13	2.84	2.97	3.23
13	3.22	2.63	2.14	2.34	2.34	2.12	2.80	2.57	2.15	2.89	2.89	3.00
14	3.20	2.81	2.61	2.66	2.39	1.51	3.00	2.27	2.13	2.78	2.86	3.00
15	3.26	2.97	2.81	2.64	2.47	1.41	2.80	2.43	2.09	2.61	2.87	3.10
16	3.39	3.04	3.50	2.64	2.37	1.73	2.70	2.40	1.92	2.49	2.75	2.80
17	3.41	3.11	3.02	2.52	2.16	1.86	2.60	2.33	1.86	2.20	2.82	2.90
18	3.13	3.30	2.37	2.38	2.04	1.52	2.40	2.26	1.76	2.02	3.06	2.80
19	3.06	3.35	2.06	2.17	2.46	1.59	2.60	2.11	1.68	2.21	3.08	2.90
20	3.20	3.10	2.46	2.28	2.23	1.72	2.40	2.05	1.75	2.31	3.15	3.00
21	3.44	3.01	2.63	2.47	2.11	1.71	2.30	2.03	2.42	2.50	3.09	2.90
22	3.35	2.92	1.38	2.25	2.27	1.89	2.70	2.10	1.81	2.55	3.12	3.20
23	3.18	2.70	1.50	2.25	1.88	2.17	2.40	2.15	1.99	2.73	3.13	3.00
24	3.60	2.68	1.81	2.25	1.91	2.06	3.10	2.89	2.08	2.72	3.34	3.00
25	3.24	2.91	1.97	2.30	2.00	2.10	2.20	1.96	3.36	2.73	3.41	3.30
26	3.19	2.83	2.19	2.51	1.80	2.07	1.60	2.01	3.06	2.81	3.35	3.50
27	3.13	2.82	2.23	2.60	1.34	2.11	2.10	2.24	3.42	2.86	3.22	3.60
28	3.20	2.94	1.90	2.80	1.73	2.69	2.00	2.17	3.32	2.79	3.32	3.30
29	3.10	2.46	2.07	2.79	------	2.27	2.40	2.22	3.26	2.74	3.38	3.10
30	3.12	2.51	2.40	2.80	------	2.50	2.60	2.15	3.09	2.75	3.23	2.80
31	3.30	------	2.76	2.79	------	2.48	------	2.06	------	2.76	3.35	------
MEAN	3.34	2.98	2.40	2.39	2.17	1.81	2.43	2.22	2.29	2.72	3.10	3.25
MAX	3.64	3.60	3.50	3.02	2.61	2.69	3.10	2.89	3.42	3.40	3.41	3.88
MIN	3.06	2.05	1.38	1.91	1.34	1.41	1.60	1.96	1.68	2.02	2.75	2.80

CAL YR 1973 MEAN 2.65 MAX 3.78 MIN 1.31
WTR YR 1974 MEAN 2.59 MAX 3.88 MIN 1.34

02307697 Alligator Creek at Safety Harbor, Fla.

LOCATION.--Lat 27°58'45", long 82°41'43", in SW quarter sec.10, T.29 S., R.16 E., Pinellas County, on right upstream wingwall of concrete control structure, 30 ft (9 m) upstream from bridge on Bayshore Drive and 0.8 mile (1.3 km) southwest of Safety Harbor.

DRAINAGE AREA.--9.0 sq mi (23 sq km), approximately.

PERIOD OF RECORD.--October 1949 to April 1959; October 1960 to September 1974 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Apr. 5, 1959, at site of former control 160 ft (50 m) upstream at datum 0.85 ft (0.259 m) lower; Oct. 13, 1960 to May 16, 1970 at present site at datum 1.19 ft (0.363 m) lower.

AVERAGE DISCHARGE.--23 years (1949-58, 1960-74), 7.98 cfs (0.23 cu m/s), 12.04 in/yr (306 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,030 cfs (29.2 cu m/s) June 26 (gage height, 7.52 ft, 2.292 m); no flow May 29 to June 8; minimum gage height, 4.90 ft (1.494 m) June 8.
Period of record: Maximum discharge, that of June 26, 1974; no flow for many days in most years; minimum gage height, 4.13 ft (1.259 m) Oct. 6, 1949, present datum.

REMARKS.--Records good. Some diversions may occur above station for irrigation Gage heights are published as elevations for Alligator Lake (station No. 02307696) in reports of the Geological Survey entitled "Water Resources Data for Florida, Part 1: Volume 3: Lakes."

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	70	3.1	16	4.6	2.6	3.1	.08	0	65	81	46
2	12	20	2.8	14	4.4	2.4	3.3	.03	0	61	82	25
3	10	11	2.5	14	3.6	2.0	3.0	.07	0	45	68	29
4	10	8.8	2.5	13	2.7	2.2	2.8	.08	0	52	38	40
5	9.3	7.4	2.7	14	2.0	2.6	2.7	.02	0	78	54	29
6	8.2	6.9	6.2	12	2.3	2.6	1.1	.04	0	41	86	284
7	7.2	6.2	20	12	3.1	2.6	.49	.15	0	31	40	103
8	7.2	6.2	36	12	3.5	2.5	1.1	.12	0	26	27	45
9	12	6.8	16	11	2.0	2.3	1.2	.19	.84	24	28	29
10	8.2	6.3	10	9.6	1.3	2.0	.80	.27	6.1	22	22	23
11	6.6	4.7	7.7	9.3	1.9	2.2	.97	.18	48	20	19	19
12	6.2	4.5	6.0	9.1	2.3	2.3	1.3	.06	20	24	18	17
13	6.1	4.9	5.3	7.6	2.6	1.9	1.3	.11	8.7	88	17	15
14	5.3	5.4	11	7.6	2.8	1.6	1.3	.22	6.1	33	15	14
15	5.3	4.4	12	8.2	3.0	1.7	1.3	.40	5.3	20	16	16
16	5.3	4.0	35	8.3	5.6	2.0	5.6	.59	6.1	17	38	16
17	5.3	3.8	26	8.0	5.5	1.7	4.4	1.4	5.3	15	24	28
18	4.6	3.4	14	7.5	3.7	1.3	2.0	2.0	4.7	14	17	16
19	4.1	8.5	11	7.2	4.3	1.6	1.4	1.4	4.6	16	14	14
20	3.7	6.9	13	6.9	7.3	2.0	1.1	.89	3.8	28	16	13
21	3.7	5.0	19	6.9	5.7	2.3	.69	.51	3.8	16	20	12
22	3.6	4.3	11	6.6	5.6	23	.64	.30	3.9	14	37	11
23	3.1	3.8	8.2	6.6	3.7	39	1.1	.66	8.7	30	25	9.1
24	3.1	3.7	7.2	6.6	3.1	24	1.3	.89	63	29	28	8.1
25	3.1	3.1	6.9	6.8	2.8	12	.74	.71	439	17	24	7.8
26	3.1	3.1	6.9	6.3	1.5	7.5	.44	.26	548	13	44	8.4
27	3.1	3.3	16	5.4	1.9	6.1	.39	.04	480	12	28	19
28	3.1	4.1	77	5.4	2.3	5.3	.10	.02	97	16	127	13
29	3.0	4.2	31	5.8	------	5.0	.10	0	57	22	38	8.7
30	2.6	3.1	22	6.2	------	6.4	.11	0	57	20	22	6.9
31	3.4	------	19	5.1	------	3.8	------	0	------	78	17	------
TOTAL	184.5	237.8	57.0	175	95.1	76.5	45.87	11.69	1,876.94	987	1,130	925.0
MEAN	5.95	7.93	18.3	8.8	3.40	5.69	1.53	.38	62.6	31.8	36.5	30.8
MAX	13	70	116	16	7.3	39	5.6	2.0	548	88	127	284
MIN	2.6	3.1	2.5	5.1	1.3	1.3	.10	0	0	12	14	6.9
CFSM	.66	.88	2.03	.99	.38	.63	.17	.04	6.96	3.53	4.06	3.42
IN.	.76	.98	2.34	1.14	.39	.73	.19	.05	7.76	4.08	4.67	3.82

CAL YR 1973 TOTAL 4,422.52 MEAN 12.1 MAX 129 MIN .02 CFSM 1.34 IN 18.28
WTR YR 1974 TOTAL 6,512.40 MEAN 17.8 MAX 548 MIN 0 CFSM 1.98 IN 26.92

02309502 Innisbrook Canal near Crystal Beach, Fla.

LOCATION.--Lat 28°06'34", long 82°45'32", in NW quarter sec.25, T.27 S., R.15 E., Pinellas County, at golf cart bridge, 0.6 mile (1.0 km) east of Alternate U. S. Highway 19, and 1.8 miles (2.9 km) northeast of Crystal Beach.

DRAINAGE AREA.--1.5 sq mi (3.9 sq km), approximately.

PERIOD OF RECORD.--October 1971 to current year (gage heights and discharge measurements only).

EXTREMES.--Current year: Maximum gage height observed, 2.86 ft (0.872 m) Sept. 6; channel dry at gage for many days.
Period of record: Maximum discharge measured, 0.25 cfs (0.007 cu m/s) Sept. 25, 1973; maximum gage height observed, that of Sept. 6, 1974; no flow observed many days each year; channel dry at gage many days each year.

REMARKS.--Streambed at gage is subject to shifting sediment; periods of non-changing gage heights generally indicate canal dry at gage.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 12 0
Jan. 16 0
Mar. 6 0
Apr. 30 0
Aug. 20 0

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.50	1.40		1.77	1.40	1.40	1.54	1.40	1.40	2.38	1.61	
2	1.50	1.40		1.73	1.40	1.40	1.52	1.40	1.40	2.50	1.61	1.94
3	1.50	1.40		1.68	1.40	1.40	1.52	1.40	1.40	2.50	1.96	1.90
4	1.50	1.40		1.66	1.40	1.40	1.52	1.40	1.40	2.50	2.02	2.10
5	1.50	1.40			1.40	1.40	1.52	1.40	1.40	2.49	2.02	2.10
6	1.40	1.40			1.40	1.40	1.50	1.40	1.40	2.38	2.26	2.86
7	1.40	1.40		1.58	1.40	1.40	1.49	1.40	1.40	2.38	2.22	2.72
8	1.40	1.40		1.56	1.40	1.40	1.48	1.40		2.20	2.21	2.60
9	1.40	1.40		1.54	1.40	1.40	1.40	1.40		2.50	2.08	2.58
10	1.40	1.40		1.50		1.40	1.40	1.40	1.40	2.04		2.48
11	1.40			1.48		1.40	1.40		1.40	1.96		2.48
12	1.40	1.44		1.45		1.40	1.40		1.40	1.89	1.82	2.46
13	1.40			1.40		1.40	1.40	1.40	1.40	1.94	1.74	2.30
14	1.40			1.40		1.50	1.40	1.40	1.40	1.92	1.68	2.26
15	1.40			1.40		1.54	1.40	1.40	1.40	1.85	1.64	2.20
16	1.40			1.40		1.54	1.40	1.40	1.40	1.78	1.58	2.10
17	1.40			1.40	1.40		1.40	1.40	1.40	1.76	1.62	2.10
18	1.40			1.40	1.40		1.40	1.40	1.40	1.76	1.60	2.10
19	1.40				1.40		1.40		1.40	1.74	1.59	2.00
20	1.40				1.52		1.40		1.40		1.53	2.00
21	1.40			1.40	1.49		1.40		1.40		1.55	
22	1.40			1.40	1.53		1.40		1.40	1.59	1.55	
23	1.40			1.40	1.56		1.40		1.40	1.58	1.55	1.40
24	1.40			1.40	1.54				1.40	1.57	1.54	1.40
25	1.40			1.40	1.49		1.40		2.14	1.50	1.52	1.70
26	1.40			1.40	1.40		1.40	1.40	2.10	1.50	1.52	1.70
27	1.40			1.40	1.40			1.40	2.78	1.57	1.50	1.70
28	1.40			1.40	1.40			1.40	2.66	1.57	1.96	1.70
29	1.40			1.40	------		1.40	1.40		1.57	2.10	1.74
30	1.40			1.40	------		1.40	1.40		1.52	2.08	1.70
31	1.40	------		1.40	------	1.56	------	1.40	------	1.50		------
MEAN	1.42											
MAX	1.50											
MIN	1.40											

02309848 South Branch Anclote River near Odessa, Fla.

LOCATION.--Lat 28°11'08", long 82°33'13", in SE quarter sec.25, T.26 S., R.17 E., Pasco County, near left bank 30 ft (9 m) downstream from bridge on State Highway 54, 2.5 miles (4.0 km) east of Odessa, 3.0 miles (4.8 km) upstream from unnamed tributary, and 5.2 miles (8.4 km) upstream from mouth.

DRAINAGE AREA.--17.1 sq mi (44.3 sq km).

PERIOD OF RECORD.--February 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 46.22 ft (14.088 m) above mean sea level. Prior to Mar. 17, 1971, at site 30 ft (9 m) upstream at present datum.

EXTREMES.--Current year: Maximum discharge, 280 cfs (7.93 cu m/s) June 26 (gage height, 4.60 ft, 1.402 m); no flow for many days; river dry at gage many days.
Period of record: Maximum discharge, that of June 26, 1974; maximum gage height, 4.98 ft (1.518 m) Sept. 10, 1971; no flow for many days each year; river dry at gage many days, 1972, 1973, 1974.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7		0	3.9	.07	0	.18		0	21	14	2.7
2	3.8		0	3.2	.08	0	.12		0	20	17	2.3
3	2.5		0	2.6	.05	0	.05		0	19	29	2.0
4	1.5		0	2.9	.01	0	0		0	15	21	1.7
5	.97		0	4.1	0	0	0		0	14	18	1.6
6	.58		0	3.9	0	0	0		0	12	24	44
7	.35		0	3.2	0	0	0		0	18	29	62
8	.23		0	2.6	0	0	0		0	13	21	44
9	.20		0	2.1	0	0	0		0	9.4	24	41
10	.12		0	1.7	0	0	0		0	6.6	47	26
11	.07		0	1.4	0	0	0		0	4.5	24	18
12	.01		0	1.3	0	0	0		.22	5.9	16	13
13	0		0	1.1	0	0	0		.42	14	13	75
14	0		0	.87	0	0	0		.26	9.0	11	72
15	0		0	.76	0	0	0		.24	5.5	12	54
16	0		.55	.70	0	0	0		.17	3.9	39	30
17	0		1.1	.63	0	0	0		.07	2.9	24	20
18	0		.64	.57	0	0	0		0	2.1	16	15
19	0		.42	.48	0	0	0		0	2.1	11	11
20	0		.44	.38	0	0	0		0	1.9	8.5	8.6
21	0		.55	.33	0	0	0		0	1.4	16	6.6
22	0		.47	.28	0	3.2	0		0	1.0	29	5.5
23	0		.39	.25	0	9.5	0		0	1.1	12	4.0
24	0		.37	.20	0	7.3	0		1.6	51	7.3	3.1
25	0		.36	.17	0	3.6	0		167	82	5.4	2.8
26	0		.37	.23	0	1.9	0		165	21	4.1	2.4
27	0		18	.24	0	1.1	0		200	10	3.5	3.1
28	0		22	.19	0	.74	0		84	12	3.0	4.6
29	0		8.9	.14	------	.52	0		43	24	2.6	3.4
30	0		6.0	.11	------	.37	0		25	16	3.0	2.6
31	0	------	4.8	.10	------	.26	------		------	14	3.2	------
TOTAL	16.03	0	65.36	40.63	.21	28.49	.35	0	686.98	433.3	506.6	582.0
MEAN	.52	0	2.11	1.31	.008	.92	.012	0	22.9	14.0	16.3	19.4
MAX	5.7	0	22	4.1	.08	9.5	.18	0	200	82	47	75
MIN	0	0	0	.10	0	0	0	0	0	1.0	2.6	1.6

CAL YR 1973 TOTAL 545.79 MEAN 1.50 MAX 30 MIN 0
WTR YR 1974 TOTAL 2,359.95 MEAN 6.47 MAX 200 MIN 0

PEAK DISCHARGE (BASE, 60 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-26	2400	4.60	280	9-07	0100	4.15	79
7-24	2000	4.46	188	9-13	1100	4.19	88

02310000 Anclote River near Elfers, Fla.

LOCATION.--Lat 28°12'50", long 82°40'00", in NE quarter sec.23, T.26 S., R.16 E., Pasco County, on left bank 40 ft (12 m) downstream from bridge on State Highway 54, 3.5 miles (5.6 km) east of Elfers, and 16 miles (26 km) upstream from mouth.

DRAINAGE AREA.--72.5 sq mi (187.8 sq km).

PERIOD OF RECORD.--May 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--28 years, 79.2 cfs (2.24 cu m/s), 14.83 in/yr (377 mm/yr).

EXTREMES.--Current year: Maximum discharge 2,020 cfs (57.2 cu m/s) June 28 (gage height, 24.39 ft, 7.434 m); minimum, 2.0 cfs (0.057 cu m/s) June 14; minimum gage height, 6.74 ft (2.054 m) Oct. 27, 30.

Period of record: Maximum discharge, 3,890 cfs (110 cu m/s) July 30, 1960 (gage height, 26.09 ft, 7.952 m); minimum, 0.40 cfs (0.011 cu m/s) May 19, 1956 (affected by pumpage); minimum gage height, 6.60 ft (2.012 m) for part or all of each day Dec. 5-17, 1970.

Maximum stage known, 27.7 ft (8.44 m) Aug. 8 or 9, 1945, from information by local residents and floodmarks; discharge, 5,000 cfs (142 cu m/s), from rating curve extended above 3,700 cfs (105 cu m/s).

REMARKS.--Records fair. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 1434: Drainage area. WSP 1905: 1950-65 (P).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	11	4.3	109	8.2	3.4	7.7	2.7	2.1	722	403	129
2	29	9.3	4.3	85	8.0	3.3	6.4	2.6	2.1	488	378	102
3	25	8.7	4.3	68	8.2	3.2	5.4	2.6	2.3	361	391	87
4	20	7.2	4.3	55	8.6	3.1	4.7	2.6	2.4	317	458	67
5	15	6.6	4.3	47	8.2	3.0	4.3	2.5	2.2	282	453	53
6	12	6.1	4.5	39	7.6	3.1	4.0	2.5	2.2	277	461	290
7	10	5.6	4.7	34	7.2	3.0	3.8	2.5	2.2	280	505	497
8	8.4	5.3	5.8	30	7.1	3.0	3.6	2.4	2.2	277	397	578
9	7.7	5.0	5.7	28	6.8	2.9	3.5	2.4	2.2	263	390	518
10	7.3	4.8	7.7	26	6.7	2.9	3.4	2.3	2.8	226	406	427
11	6.2	4.5	7.8	24	6.3	2.9	3.3	2.3	13	182	337	360
12	5.4	4.5	7.3	22	6.1	2.8	3.3	2.3	2.3	148	283	291
13	4.9	4.3	6.8	20	5.6	2.8	3.3	2.3	2.1	149	344	249
14	4.5	4.2	6.6	19	5.3	2.8	3.2	2.3	2.1	153	384	314
15	4.1	4.2	6.8	18	5.0	2.8	3.2	2.3	2.2	146	293	373
16	3.9	4.1	13	16	4.8	2.9	3.5	2.3	2.2	122	258	328
17	3.7	4.0	21	15	4.7	2.9	3.4	2.4	2.2	93	266	275
18	3.6	4.0	23	14	4.5	2.8	3.3	2.3	2.1	78	256	241
19	3.5	4.2	21	13	4.9	2.8	3.3	2.3	2.1	109	222	221
20	3.5	4.1	18	13	6.0	2.8	3.2	2.3	2.2	80	187	182
21	3.5	4.2	16	13	4.7	2.8	3.2	2.3	2.2	53	173	144
22	3.5	4.2	16	12	4.8	3.8	3.2	2.2	2.2	29	345	124
23	3.3	4.1	16	12	5.0	4.5	3.2	2.3	2.3	28	419	96
24	3.4	4.2	16	11	4.7	7.9	3.2	2.3	14	68	365	82
25	3.3	4.2	15	11	4.4	14	3.1	2.2	300	94	302	67
26	3.3	4.2	14	10	4.0	22	3.0	2.2	850	263	255	53
27	3.3	4.2	33	9.9	3.8	24	2.9	2.2	1,670	304	231	55
28	3.3	4.3	125	9.4	3.6	18	2.8	2.2	1,930	318	226	76
29	3.3	4.2	227	9.0	------	15	2.8	2.2	1,490	434	179	84
30	3.3	4.2	196	8.4	------	12	2.7	2.2	1,040	441	147	83
31	6.4	------	143	8.3	------	9.8	------	2.1	------	446	147	------
TOTAL	254.6	153.7	998.2	809.0	164.8	193.0	109.9	72.6	7,355.9	7,231	9,861	6,446
MEAN	8.21	5.12	32.2	26.1	5.89	6.23	3.66	2.34	245	233	318	215
MAX	37	11	227	109	8.6	24	7.7	2.7	1,930	722	505	578
MIN	3.3	4.0	4.3	8.3	3.6	2.8	2.7	2.1	2.1	28	147	53
CFSM	.11	.07	.44	.36	.08	.09	.05	.03	3.38	3.21	4.39	2.97
IN.	.13	.08	.51	.42	.08	.10	.06	.04	3.77	3.71	5.06	3.31

CAL YR 1973 TOTAL 8,234.4 MEAN 22.6 MAX 266 MIN 1.9 CFSM .31 IN 4.23
WTR YR 1974 TOTAL 33,649.7 MEAN 92.2 MAX 1,930 MIN 2.1 CFSM 1.27 IN 17.27

PEAK DISCHARGE (BASE, 450 CFS)

DATE	TIME	G.H.	DISCHARGE	DATE	TIME	G.H.	DISCHARGE
6-28	0300	24.39	2,020	9-08	1800	17.76	648
8-06	2300	17.31	603				

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310150 Hollin Creek Tributary near Tarpon Springs, Fla.

LOCATION.--Lat 28°09'48", long 82°42'46", in SW quarter sec.4, T.27 S., R.16 E., Pinellas County, at culverts on county road, 250 feet (75 m) upstream from S.C.L. Railroad, 0.5 mile (0.8 km) upstream from Hollin Creek, and 2.9 miles (4.7 km) northeast of Tarpon Springs.

DRAINAGE AREA.--2.1 sq mi (5.5 sq km), approximately.

PERIOD OF RECORD.--October 1969 to September 1974 (discharge measurements only), discontinued.

GAGE.--Reference point.

EXTREMES.--Period of record: Maximum discharge measured, 51 cfs (1.44 cu m/s) Sept. 16, 1971; no flow observed most years.

REMARKS.--Tide affected.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 12	0.30	May 1	0
Jan. 18	.60	Aug. 20	6.0
Mar. 7	.27		

02310166 Anclote River near Tarpon Springs, Fla.

LOCATION.--Lat 28°09'24", long 82°44'49", in NW quarter sec.7, T.27 S., R.16 E., Pinellas County, on private dock on left bank, 1.0 mile (1.6 km) northeast of Tarpon Springs, and 3.6 miles (5.8 km) upstream from mouth.

DRAINAGE AREA.--104 sq mi (269 sq km).

PERIOD OF RECORD.--March 1970 to current year (maximum and minimum gage heights only), discontinued.

GAGE.--Water-stage recorder. Datum of gage is 3.35 ft (1.021 m) below mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Current year: Maximum gage height, 6.90 ft (2.103 m) June 24; minimum 1.33 ft (0.405 m) Feb. 26.
Period of record: Maximum gage height, 8.08 ft (2.463 m) June 19, 1972 (from hurricane tide); minimum, 0.93 ft (0.405 m) Dec. 17, 1972.

REMARKS.--Gage records water levels and tidal fluctuations in Anclote River. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.47	5.90	4.16	4.64	4.91	4.71	5.05	4.65	5.30	5.50	5.64	5.02
2	5.31	4.90	4.49	4.65	5.24	4.78	4.65	4.82	5.40	5.70	4.97	5.61
3	5.00	4.64	5.00	4.82	5.46	4.91	5.18	4.94	5.30	5.70	5.03	5.70
4	4.95	4.86	5.71	4.94	4.26	5.07	5.50	5.20	5.30	5.80	5.20	5.52
5	4.87	5.19	5.75	5.04	5.29	5.22	5.47	5.59	5.50	5.70	5.44	5.57
6	4.83	4.51	4.80	5.49	5.95	4.50	5.01	5.75	5.50	5.70	4.77	5.84
7	5.04	4.52	4.61	5.68	5.84	5.05	4.97	5.45	5.50	5.50	4.83	5.71
8	5.06	5.14	5.10	5.54	5.36	4.93	5.44	5.47	5.50	5.20	4.84	5.65
9	5.32	5.60	5.58	5.55	5.18	4.81	5.23	5.53	5.30	5.20	4.70	5.34
10	5.17	5.69	5.72	4.72	4.18	4.87	4.80	5.27	5.10	4.90	4.04	5.20
11	4.93	4.67	3.51	5.47	4.54	4.85	5.10	5.73	5.00	5.20	4.84	5.15
12	5.26	4.93	5.02	4.87	4.78	5.06	5.23	5.46	4.80	5.30	4.86	5.59
13	5.51	5.56	5.44	4.38	4.87	5.28	5.14	4.64	4.80	4.80	4.93	5.87
14	5.67	5.79	5.71	4.91	4.98	4.77	4.81	4.53	5.10	5.00	5.27	5.89
15	5.76	5.80	5.14	4.72	4.89	4.79	4.55	4.59	5.20	5.20	5.58	5.78
16	6.13	5.84	5.34	4.58	5.58	4.81	4.54	4.70	5.40	5.67	5.64	5.59
17	6.09	4.88	4.07	4.69	4.49	3.95	4.08	4.96	5.50	5.66	4.64	5.45
18	5.06	5.25	4.06	4.77	5.55	4.21	4.34	5.13	5.60	5.78	5.66	5.57
19	4.72	5.36	4.99	4.93	5.95	4.76	4.82	5.41	5.70	5.92	5.07	5.60
20	4.42	5.62	5.75	5.48	5.08	4.55	4.95	5.74	6.00	5.95	5.41	5.49
21	4.68	5.60	4.09	5.27	5.46	4.81	5.19	5.79	6.20	5.91	5.39	5.14
22	4.83	5.43	4.17	5.21	4.87	5.17	5.72	6.11	6.10	5.53	5.36	5.30
23	4.89	5.35	4.86	5.16	4.30	5.30	5.67	6.38	6.20	5.20	5.52	5.08
24	5.01	6.02	5.15	5.25	4.75	5.13	5.44	5.81	6.90	5.06	5.22	4.92
25	5.25	5.10	5.27	4.45	4.46	5.36	3.95	5.50	6.40	5.12	5.40	4.77
26	5.82	6.13	5.19	5.04	3.52	5.03	5.28	5.58	5.70	5.07	5.12	4.97
27	5.79	6.01	4.39	4.94	4.16	5.29	5.08	5.36	5.90	5.20	5.05	5.81
28	6.15	6.09	4.70	5.05	4.52	5.31	5.27	4.74	5.40	5.12	5.25	5.43
29	6.29	5.70	4.63	4.84	------	5.56	4.87	4.72	5.20	5.26	5.37	5.41
30	5.37	3.67	4.73	5.00	------	5.30	4.59	5.00	5.20	5.31	5.39	5.23
31	5.27	------	4.81	4.93	------	4.80	------	5.19	------	5.29	5.49	------
MEAN	5.29	5.33	4.90	5.00	4.94	4.93	5.00	5.28	5.53	5.40	5.16	5.44
MAX	6.29	6.13	5.75	5.68	5.95	5.56	5.72	6.38	6.90	5.95	5.66	5.89
MIN	4.42	3.67	3.51	4.38	3.52	3.95	3.95	4.53	4.80	4.80	4.04	4.77

CAL YR 1973 MEAN 5.24 MAX 6.65 MIN 3.51
WTR YR 1974 MEAN 5.18 MAX 6.90 MIN 3.51

NOTE.--Record estimated June 1 to July 15.

02310166 Anclote River near Tarpon Springs, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.10	3.24	2.52	3.07	2.64	3.17	2.57	2.76	2.70	2.50	3.24	3.14
2	3.22	3.08	2.98	2.84	2.52	2.30	2.88	2.72	2.60	2.60	2.57	3.15
3	3.12	2.85	3.47	2.34	2.68	2.17	2.87	2.61	2.30	2.60	2.84	3.36
4	3.11	3.26	3.62	2.42	2.82	2.15	3.27	2.58	2.20	2.40	2.74	3.43
5	3.20	3.78	3.95	2.16	1.42	2.25	3.24	2.81	2.50	2.60	2.95	3.71
6	3.21	3.28	3.50	2.12	2.62	2.35	1.78	2.76	2.40	2.60	2.82	3.82
7	3.27	2.78	1.92	2.29	2.95	2.29	2.41	2.53	2.70	2.60	3.05	3.81
8	3.35	2.72	2.07	2.32	3.12	2.30	3.25	2.61	2.70	2.70	3.09	3.67
9	3.51	2.71	2.08	2.25	2.62	2.44	2.84	2.65	2.90	3.00	2.97	3.47
10	2.99	2.38	2.25	2.39	2.08	2.29	2.47	2.80	3.70	3.40	3.05	3.09
11	2.72	1.60	2.12	2.61	2.54	2.34	2.04	4.10	3.00	3.70	2.81	3.12
12	2.65	2.04	1.99	2.53	2.81	2.65	2.45	3.53	3.50	2.90	2.54	3.24
13	2.81	2.62	2.59	2.42	2.92	3.46	3.05	3.42	3.60	3.00	2.52	3.21
14	2.87	2.96	3.13	2.79	3.42	2.40	3.20	2.79	3.50	2.70	2.65	3.18
15	3.01	3.35	3.12	2.90	2.97	2.18	3.03	3.13	3.30	2.78	2.68	3.33
16	3.40	3.44	4.12	2.71	2.88	2.71	2.91	3.11	2.80	2.74	2.60	3.05
17	3.48	3.19	2.95	2.44	2.80	2.76	2.77	2.97	2.60	2.50	2.71	3.09
18	2.62	3.60	2.33	2.28	2.33	2.13	2.60	2.81	2.20	2.37	2.99	3.09
19	2.38	3.83	2.10	2.10	3.26	2.34	2.79	2.72	1.80	2.67	2.72	3.08
20	2.58	3.34	2.73	2.30	3.13	2.80	2.59	2.74	2.00	2.75	2.74	3.18
21	3.03	3.26	3.23	2.66	2.70	2.90	2.48	2.71	2.10	3.05	3.04	3.06
22	3.10	3.04	1.51	2.36	3.04	2.49	3.51	2.86	2.50	2.99	3.05	3.38
23	2.93	2.63	1.74	2.34	2.35	3.05	2.88	3.01	2.90	3.16	3.09	3.17
24	2.69	2.62	2.13	2.32	2.30	2.58	2.57	2.70	4.60	3.14	3.25	3.16
25	2.91	3.16	2.49	2.46	2.06	2.50	2.37	3.72	3.80	3.14	3.32	3.52
26	3.00	3.12	2.65	2.63	1.33	2.37	1.82	2.76	4.60	3.22	3.16	3.71
27	3.00	3.05	2.70	2.71	1.92	3.14	2.30	3.20	3.90	3.22	2.95	3.85
28	3.37	3.29	2.26	2.92	2.22	2.42	2.22	3.10	3.30	3.08	3.10	3.48
29	3.32	2.24	2.46	2.89	------	2.65	2.59	3.08	2.90	2.88	3.18	3.35
30	2.93	1.97	2.75	2.98	------	3.09	2.68	2.99	2.50	2.96	2.99	3.02
31	3.09	------	3.11	3.42	------	2.99	------	2.88	------	2.97	3.18	------
MEAN	3.03	2.95	2.66	2.55	2.59	2.57	2.68	2.94	2.94	2.87	2.92	3.33
MAX	3.51	3.83	4.12	3.42	3.42	3.46	3.51	4.10	4.60	3.70	3.32	3.85
MIN	2.38	1.60	1.51	2.10	1.33	2.13	1.78	2.53	1.80	2.37	2.52	3.02

CAL YR 1973 MEAN 2.90 MAX 4.62 MIN 1.51
WTR YR 1974 MEAN 2.84 MAX 4.60 MIN 1.33

NOTE.--Record estimated June 1 to July 15.

02310200 Spring Bayou at Tarpon Springs, Fla.

LOCATION.--Lat 28°08'45", long 82°45'30", in SW quarter sec.12, T.27 S., R.15 E., Pinellas County, at head of bayou, on concrete pier at end of West Tarpon Avenue, in Tarpon Springs.

PERIOD OF RECORD.--April 1945 to September 1965 (elevations only); October 1965 to current year (maximum and minimum gage heights only). Published since October 1962.

GAGE.--Water-stage recorder. Datum of gage is 3.00 ft (0.914 m) below mean sea level.

EXTREMES.--Current year: Maximum gage height, 6.62 ft (2.018 m) June 24; minimum, 0.49 ft (0.149 m) Feb. 5.
Period of record: Maximum gage height, 7.99 ft (2.435 m) June 19, 1972 (from hurricane tide); minimum, 0.17 ft (0.052 m) Dec. 17, 1972.

REMARKS.--Gage records water levels and tidal fluctuations in Spring Bayou; gage height affected occasionally by flow from sinkhole at head of bayou. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred, on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.30	3.93	4.00	4.40	4.61	4.50	4.78	4.38	5.01	5.20	5.63	5.20
2	5.10	4.64	4.30	4.40	4.95	4.60	4.98	4.58	5.16	5.36	5.08	5.41
3	4.78	4.34	4.80	4.60	5.20	4.60	5.33	4.65	4.99	5.42	5.02	5.53
4	4.71	4.64	5.50	4.70	3.98	4.90	5.11	4.95	5.05	5.56	5.24	5.30
5	4.65	5.00	5.50	4.80	3.42	5.00	5.49	5.42	5.26	5.45	5.61	5.33
6	4.58	4.24	4.80	5.30	5.08	4.30	4.79	5.53	5.19	5.40	4.74	5.54
7	4.85	4.94	4.40	5.50	5.80	4.80	4.84	5.25	5.23	5.18	4.78	5.30
8	4.82	5.44	4.90	4.00	5.70	4.70	5.22	5.27	5.21	4.92	4.83	5.29
9	5.20	5.56	5.40	5.30	4.97	4.60	4.90	5.30	4.99	4.89	4.64	4.89
10	5.04	4.48	5.50	5.30	3.96	4.70	4.56	5.03	4.81	4.63	4.85	4.75
11	5.08	4.74	3.30	5.30	4.32	4.60	4.85	5.58	4.69	4.90	4.82	5.08
12	5.42	5.40	4.80	4.70	4.56	4.80	4.88	5.15	4.49	5.01	4.77	5.23
13	5.54	5.40	5.20	4.20	4.57	5.10	4.75	4.29	4.50	4.49	4.91	5.60
14	5.62	5.66	5.50	4.70	4.68	4.60	4.41	4.17	4.85	4.76	5.34	5.70
15	5.96	5.65	4.90	4.50	4.58	4.60	4.10	4.24	4.89	4.93	5.63	5.68
16	5.91	5.64	5.10	4.40	5.41	4.60	4.30	4.36	5.09	5.38	5.72	5.48
17	4.84	4.57	3.90	4.50	4.16	4.60	3.90	4.71	5.25	5.39	5.84	5.40
18	3.93	5.03	3.80	4.50	5.37	4.00	4.10	4.87	5.28	5.57	5.87	5.52
19	4.48	5.13	4.80	4.66	5.73	4.50	4.60	5.12	5.46	5.73	5.33	5.59
20	4.17	5.41	5.50	5.30	3.90	4.60	4.70	5.56	5.73	5.75	5.34	5.40
21	4.52	5.43	3.90	5.02	4.86	4.66	5.00	5.61	5.89	5.68	5.14	4.98
22	4.67	5.23	4.00	3.84	5.25	4.97	5.50	5.94	5.76	5.34	5.13	5.15
23	4.80	5.16	4.70	5.02	4.58	5.14	5.50	6.19	5.45	4.92	5.32	4.99
24	5.02	5.86	4.90	5.02	4.55	4.97	5.20	5.61	6.62	4.78	4.88	4.76
25	5.71	4.85	4.00	5.13	4.28	5.30	4.70	5.25	6.07	4.78	5.05	5.12
26	5.67	5.96	5.10	4.89	3.20	4.88	5.10	5.29	5.16	4.72	4.79	5.13
27	6.04	4.65	5.00	4.76	4.00	5.14	4.90	5.12	5.56	4.79	4.70	5.72
28	6.18	5.96	4.50	4.83	4.30	5.11	5.10	4.43	5.09	4.88	4.90	5.35
29	5.19	5.57	4.40	4.64	------	5.42	4.70	4.42	4.91	5.09	5.04	5.33
30	5.06	3.39	4.50	4.74	------	5.02	4.24	4.72	4.96	5.08	5.12	5.04
31	5.67	------	4.60	4.67	------	4.50	------	4.84	------	5.06	5.23	------
MEAN	5.11	5.06	4.69	4.76	4.64	4.77	4.82	5.03	5.22	5.13	5.14	5.29
MAX	6.18	5.96	5.50	5.50	5.80	5.42	5.50	6.19	6.62	5.75	5.87	5.72
MIN	3.93	3.39	3.30	3.84	3.20	4.00	3.90	4.17	4.49	4.49	4.64	4.75

CAL YR 1973 MEAN 5.04 MAX 6.58 MIN 3.30
WTR YR 1974 MEAN 4.97 MAX 6.62 MIN 3.20

NOTE.--Record estimated Nov. 30 to Jan. 17, Feb. 26 to Mar. 6, Apr. 14-30.

02310200 Spring Bayou at Tarpon Springs, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.38	2.55	1.80	2.40	1.96	1.50	1.90	2.10	2.14	1.92	2.32	2.21
2	2.60	2.48	2.30	2.10	1.78	1.60	2.14	2.03	2.04	2.03	1.83	2.36
3	2.55	2.35	2.80	1.60	1.90	1.50	2.12	1.83	1.68	2.02	2.12	2.50
4	2.58	2.75	2.90	1.70	2.01	1.40	2.52	1.74	1.66	1.86	2.00	2.62
5	2.70	2.81	3.20	1.50	.49	1.50	2.48	1.89	1.91	1.98	2.28	2.81
6	2.66	2.76	2.80	1.40	1.70	.70	.87	1.82	1.82	2.05	2.20	2.84
7	2.69	2.21	1.20	1.60	1.95	1.60	1.74	1.66	2.10	2.02	2.46	2.93
8	2.82	1.95	1.30	1.60	2.20	1.60	1.90	1.72	2.25	2.15	2.59	2.71
9	2.89	1.82	1.20	1.50	1.95	1.70	1.53	1.77	2.29	2.38	2.45	2.56
10	2.35	1.25	1.30	1.70	1.31	1.60	2.31	2.02	3.20	2.77	2.51	2.11
11	1.99	.65	1.20	1.90	1.81	1.60	1.15	3.61	2.37	3.09	2.30	2.15
12	1.86	1.16	1.30	1.80	2.36	1.90	1.66	2.87	2.90	2.36	1.99	2.19
13	1.98	1.72	1.90	1.70	2.13	2.70	2.40	2.98	2.97	2.44	1.89	2.11
14	1.99	2.12	2.40	2.20	2.31	1.70	2.61	2.18	2.92	2.17	1.83	2.08
15	2.16	2.62	2.40	2.10	2.44	1.50	2.40	2.60	2.72	1.86	1.85	2.32
16	2.54	2.78	3.10	2.00	2.29	2.00	2.20	2.56	2.20	1.66	1.68	2.10
17	2.66	2.67	2.20	1.70	1.96	2.00	2.10	2.28	2.00	1.29	1.82	2.12
18	1.92	3.11	1.60	1.80	1.58	1.40	1.90	2.07	1.66	1.13	2.28	2.22
19	1.73	3.25	1.40	1.25	2.51	1.60	2.10	1.83	1.26	1.42	2.25	2.27
20	2.01	2.67	2.00	1.45	2.14	2.10	1.90	1.74	1.42	1.58	2.43	2.52
21	2.53	2.50	2.50	1.80	1.90	2.26	1.80	1.78	1.53	1.97	2.16	2.45
22	2.56	2.29	.80	1.43	2.30	1.77	2.20	1.88	1.93	2.03	2.18	2.89
23	2.39	1.80	1.00	1.41	1.54	2.26	1.90	2.01	2.30	2.39	2.14	2.63
24	2.03	1.74	1.40	1.40	1.50	1.78	2.60	1.74	4.00	2.36	2.43	2.70
25	2.20	2.32	1.80	1.50	1.31	1.72	1.70	1.92	3.25	2.36	2.55	3.14
26	2.18	2.20	1.90	1.82	.60	1.51	1.10	3.47	3.29	2.49	2.41	3.11
27	2.14	2.17	2.00	1.99	1.20	1.54	1.60	2.50	3.27	2.47	2.14	3.22
28	2.48	2.41	1.50	2.29	2.00	2.96	1.50	2.47	2.73	2.25	2.20	2.88
29	2.35	1.43	1.80	2.27	------	1.84	1.90	2.53	2.27	2.03	2.32	2.71
30	2.21	1.30	2.00	2.62	------	2.39	2.00	2.41	1.96	2.05	2.07	2.38
31	2.50	------	2.40	2.32	------	2.30	------	2.35	------	2.05	2.28	------
MEAN	2.34	2.19	1.92	1.80	1.83	1.79	1.94	2.21	2.33	2.08	2.19	2.53
MAX	2.89	3.25	3.20	2.62	2.51	2.96	2.61	3.61	4.00	3.09	2.59	3.22
MIN	1.73	.65	.80	1.25	.49	.70	.87	1.66	1.26	1.13	1.68	2.08

CAL YR 1973 MEAN 2.13 MAX 4.20 MIN .65
WTR YR 1974 MEAN 2.10 MAX 4.00 MIN .49

NOTE.--Record estimated Nov. 30 to Jan. 17, Feb. 26 to Mar. 6, Apr. 14-30.

02310212 Peck Sink drain near Brooksville, Fla.

LOCATION.--Lat 28°32'00", long 82°25'45", in SW quarter sec.29, T.22 S., R.19 E., Hernando County, on downstream side of county road, 0.6 mile (1.0 km) southeast of State Highway 50, and 2.9 miles (4.7 km) southwest of Brooksville.

DRAINAGE AREA.--16.6 sq mi (43.0 sq km).

PERIOD OF RECORD.--October 1966 to current year (discharge measurements and crest-stage partial records).

GAGE.--Water-stage recorder. Datum of gage is 52.43 ft (15.981 m) above mean sea level. Prior to July 1, 1971, at present site and datum; July 14, 1971 to July 31, 1972, reference point at gage height 5.13 ft (1.564 m).

EXTREMES.--Period of record: Maximum discharge measured, 346 cfs (9.80 cu m/s) Feb. 3, 1970 (affected by backwater); no flow for extended periods most years.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 19	0	May 30	0
Dec. 12	0	June 14	.07
Feb. 12	0	Aug. 1	15
Apr. 1	0	Sept. 18	.98

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310224 Sparkman Lake Outlet near Masaryktown, Fla.

LOCATION.--Lat 28°27'23", long 82°22'14", in NW quarter sec.25, T.23 S., R.19 E., Hernando County, near center of span on upstream side of box culverts on State Highway 581, 0.3 mile (0.5 km) north of Ayers Road, and 5.4 miles (8.7 km) east of Masaryktown.

DRAINAGE AREA.--11.6 sq mi (30.0 sq km), revised.

PERIOD OF RECORD.--October 1972 to September 1974 (discharge measurements and crest-stage partial records), discontinued.

GAGE.--Nonrecording gage. Datum of gage has not been determined.

EXTREMES.--Period of record: Maximum discharge measured, 18 cfs (0.51 cu m/s) July 2, 1974; no flow observed each year.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 19	0	Apr. 12	0.24
Dec. 12	0	May 30	0
Feb. 12	.02	July 2	18

02310225 Masaryktown Canal at U. S. 41, near Masaryktown, Fla.

LOCATION.--Lat 28°24'43", long 82°28'27", in NE quarter sec.11, T.24 S., R.18 E., Pasco County, on right bank of canal, 50 ft (15 m) downstream from bridge on U. S. Highway 41, 1.4 miles (2.3 km) northeast of Crews Lake, and 2.2 miles (3.5 km) southwest of Masaryktown.

PERIOD OF RECORD.--October 1971 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height, 54.97 ft (16.755 m) Sept. 21; minimum, dry at gage many months.
Period of record: Maximum gage height, that of Sept. 21, 1974; dry at gage Nov. 23, 1971 to June 25, 1974.

REMARKS.--Masaryktown Canal provides flood drainage for the poultry and agricultural community of Masaryktown and Squirrel Prairie.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											52.04	54.39
2											52.30	54.36
3											52.42	54.36
4											52.46	54.32
5											52.58	54.28
6											52.79	54.48
7											52.87	54.50
8											52.91	54.54
9											53.06	54.61
10											53.23	54.63
11											53.37	54.65
12											53.51	54.69
13											53.65	54.75
14											53.72	54.82
15											53.84	54.87
16											54.03	54.90
17											54.09	54.93
18											54.16	54.95
19											54.21	54.94
20										50.59	54.25	54.93
21										51.34	54.30	54.95
22										51.61	54.33	54.96
23										51.46	54.36	54.95
24										51.17	54.38	54.91
25									50.10	50.80	54.40	54.91
26										50.28	54.41	54.93
27										49.60	54.42	54.94
28										50.20	54.42	54.91
29				------						51.58	54.43	54.88
30				------						51.92	54.45	54.85
31		------		------		------		------		52.12	54.43	------
MEAN											53.67	54.74
MAX											54.45	54.96
MIN											52.04	54.28

02310240 Jumping Gully at Loyce, Fla.

LOCATION.--Lat 28°23'06", long 82°29'22", in NE quarter sec.22, T.24 S., R.18 E., Pasco County, at center of span on upstream side of bridge on U. S. Highway 41, 100 ft (30 m) downstream from concrete control structure at outlet of Pasco Lake, 0.3 mile (0.5 km) north of Loyce, 2.7 miles (4.3 km) upstream from mouth, and 4.4 miles (7.1 km) southwest of Masaryktown.

DRAINAGE AREA.--43 sq mi (111 sq km), approximately.

PERIOD OF RECORD.--May 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is 60.00 ft (18.288 m) above mean sea level. Prior to Feb. 11, 1970, nonrecording gage at present site at datum 60.00 ft (18.288 m) lower.

AVERAGE DISCHARGE.--10 years, 9.46 cfs (0.27 cu m/s), 2.99 in/yr (76 mm/yr).

EXTREMES.--Current year: Maximum discharge, 123 cfs (3.48 cu m/s) June 27, 28 (gage height, 5.04 ft, 1.536 m); no flow for many days; gully dry at gage many days.
Period of record: Maximum discharge, 920 cfs (26.1 cu m/s) Sept. 18, 1964 (gage height, 6.80 ft, 2.073 m, present datum), from rating curve extended above 260 cfs (7.36 cu m/s); no flow for many days in most years; gully dry at gage for many days in most years.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	.06		0					0	67	37	28
2	3.2	.02		0					0	69	41	28
3	2.9	0		.02					0	72	52	30
4	2.6	0		.08					0	61	54	28
5	2.2	0		.14					0	58	58	29
6	1.9	0		.16					0	54	65	50
7	1.6	0		.18					0	58	80	59
8	1.3	0		.18					0	50	81	71
9	1.1	0		.20					0	45	86	93
10	.94	0		.25					0	50	71	103
11	.70	0		.25					0	54	63	112
12	.60	0		.25					0	60	60	104
13	.54	0		.25					0	74	61	96
14	.50	0		.25					0	64	57	90
15	.50	0		.25					0	55	61	84
16	.50	0		.25					0	49	84	78
17	.45	0		.25					0	44	79	71
18	.43	0		.25					0	43	79	63
19	.40	0		.25					0	41	75	59
20	.35	0		.20					0	39	67	56
21	.35	0		.20					0	34	64	54
22	.30	0		.18					0	30	59	49
23	.30	0		.16					0	27	54	45
24	.30	0		.14					.28	25	50	41
25	.30	0		.12					.01	23	40	38
26	.25	0		.10					.14	22	42	36
27	.25	0		.08					73	20	36	37
28	.20	0		.04					119	21	32	40
29	.16	0		.02	------				107	32	32	43
30	.12	0		0	------				72	35	29	45
31	.06	------		0	------		------		------	36	30	------
TOTAL	29.00	.08	0	4.70	0	0	0	0	371.43	1,412	1,779	1,760
MEAN	.94	.003	0	.15	0	0	0	0	12.4	45.5	57.4	58.7
MAX	3.7	.06	0	.25	0	0	0	0	119	74	86	112
MIN	.06	0	0	0	0	0	0	0	0	20	29	28
CFSM	.02	.0001	0	.004	0	0	0	0	.29	1.06	1.33	1.37
IN.	.03	0	0	.004	0	0	0	0	.32	1.22	1.54	1.52

CAL YR 1973 TOTAL 319.66 MEAN .88 MAX 19 MIN 0 CFSM .02 IN .28
WTR YR 1974 TOTAL 5,356.21 MEAN 14.7 MAX 119 MIN 0 CFSM .34 IN 4.63

02310280 Pithlachascotee River near Fivay Junction, Fla.

LOCATION.--Lat 28°19'44", long 82°32'13", in NE quarter sec.7, T.25 S., R.18 E., Pasco County, at bridge on State Highway 52, 1.2 miles (1.9 km) west of Fivay Junction, 3.5 miles (5.6 km) above Fivemile Creek, and 21 miles (34 km) upstream from mouth.

DRAINAGE AREA.--150 sq mi (390 sq km).

PERIOD OF RECORD.--March 1964 to October 1966 (discharge measurements and crest-stage partial records); November 1966 to September 1972 (discharge measurements only); October 1972 to current year (gage heights and periodic discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft (12.192 m) above mean sea level. Prior to Feb. 12, 1968, nonrecording gage 20 ft (6 m) downstream at datum 40.00 ft (12.192 m) lower; Feb. 12, 1968 to Oct. 4, 1972, reference point at gage height 18.12 ft (5.505 m), present datum.

EXTREMES.--Current year: Maximum gage height, 13.78 ft (4.200 m) June 25; minimum, 10.37 ft (3.161 m) May 16-17 (from recorded range in stage).

Period of record: Maximum discharge measured, 222 cfs (6.29 cu m/s) Sept. 12, 1964; maximum gage height, that of June 25, 1974; no flow observed most years; minimum gage height observed, 10.00 ft (3.048 m), present datum, June 4, 1965.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 22	0.20	May 29	0.15
Dec. 11	1.9	July 5	37
Feb. 8	1.0	July 27	19
Apr. 1	2.0	Sept. 19	25

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.56	11.23	11.21	11.83	11.41	11.27	11.49	10.81	10.94	12.63	12.71	12.14
2	11.53	11.26	11.19	11.80	11.40	11.27	11.45	10.78	10.99	12.67	12.85	12.07
3	11.48	11.24	11.17	11.77	11.40	11.27	11.42	10.75	11.49	12.86	13.02	12.00
4	11.45	11.22	11.16	11.73	11.40	11.26	11.37	10.72	11.50	12.63	12.93	11.95
5	11.42	11.21	11.17	11.70	11.39	11.25	11.35	10.68	11.39	12.53	12.93	11.93
6	11.38	11.20	11.28	11.67	11.38	11.24	11.32	10.65	11.28	12.43	12.92	12.56
7	11.36	11.18	11.36	11.65	11.38	11.23	11.29	10.62	11.20	12.37	12.87	12.63
8	11.34	11.18	11.60	11.63	11.37	11.22	11.27	10.59	11.16	12.33	12.83	12.64
9	11.34	11.18	11.61	11.61	11.36	11.21	11.25	10.55	11.23	12.27	12.83	12.75
10	11.33	11.18	11.56	11.59	11.35	11.19	11.23	10.52	11.76	12.22	12.81	12.68
11	11.31	11.15	11.48	11.57	11.34	11.18	11.21	10.50	11.91	12.16	12.76	12.64
12	11.28	11.13	11.43	11.55	11.33	11.16	11.19	10.48	11.85	12.23	12.74	12.61
13	11.26	11.12	11.39	11.54	11.32	11.16	11.18	10.45	11.67	12.45	12.78	12.59
14	11.24	11.12	11.42	11.53	11.30	11.14	11.16	10.42	11.52	12.40	12.69	12.58
15	11.23	11.11	11.48	11.51	11.29	11.13	11.15	10.39	11.44	12.35	12.63	12.54
16	11.22	11.11	11.73	11.49	11.31	11.16	11.18	10.37	11.40	12.28	12.73	12.48
17	11.21	11.12	11.88	11.48	11.32	11.18	11.35	11.10	11.35	12.23	12.79	12.43
18	11.20	11.11	11.82	11.47	11.31	11.15	11.30	11.35	11.30	12.27	12.78	12.36
19	11.18	11.12	11.72	11.46	11.33	11.12	11.24	11.40	11.26	12.25	12.72	12.30
20	11.16	11.15	11.64	11.45	11.38	11.11	11.19	11.38	11.25	12.24	12.65	12.23
21	11.16	11.15	11.62	11.44	11.37	11.10	11.14	11.35	11.27	12.17	12.66	12.24
22	11.15	11.16	11.58	11.44	11.37	11.60	11.10	11.32	11.36	12.12	12.66	12.19
23	11.16	11.16	11.56	11.43	11.37	11.88	11.06	11.30	11.37	12.08	12.60	12.12
24	11.15	11.16	11.54	11.43	11.34	11.94	11.03	11.40	11.74	12.04	12.54	12.07
25	11.13	11.16	11.52	11.43	11.32	11.88	11.00	11.46	13.43	12.03	12.47	12.03
26	11.12	11.15	11.51	11.43	11.30	11.78	10.96	11.40	13.21	12.08	12.38	12.02
27	11.10	11.15	11.75	11.43	11.28	11.71	10.93	11.30	13.44	12.10	12.34	12.06
28	11.10	11.17	11.95	11.43	11.28	11.67	10.90	11.21	13.23	12.26	12.31	12.14
29	11.13	11.24	11.93	11.42	------	11.61	10.87	11.12	13.01	12.78	12.27	12.15
30	11.12	11.23	11.87	11.41	------	11.58	10.84	11.06	12.80	12.69	12.37	12.19
31	11.13	------	11.85	11.41	------	11.54	------	11.01	------	12.70	12.25	------
MEAN	11.26	11.17	11.55	11.54	11.35	11.36	11.18	10.92	11.76	12.35	12.67	12.31
MAX	11.56	11.26	11.95	11.83	11.41	11.94	11.49	11.46	13.44	12.86	13.02	12.75
MIN	11.10	11.11	11.16	11.41	11.28	11.10	10.84	10.37	10.94	12.03	12.25	11.93

CAL YR 1973 MEAN 11.34 MAX 12.03 MIN 10.29
WTR YR 1974 MEAN 11.62 MAX 13.44 MIN 10.37

NOTE.--No gage height record Feb. 4-8, 23-27, Apr. 6-May 29.

02310300 Pithlachascotee River near New Port Richey, Fla.

LOCATION.--Lat 28°15'19", long 82°39'37", in NW quarter sec.1, T.26 S., R.16 E., Pasco County, on left bank downstream from end of private road, 3.8 miles (6.1 km) east of New Port Richey, and 9.4 miles (15.1 km) upstream from mouth.

DRAINAGE AREA.--182 sq mi (471 sq km).

PERIOD OF RECORD.--March 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 7.06 ft (2.152 m) above mean sea level.

AVERAGE DISCHARGE.--11 years, 35.3 cfs (1.00 cu m/s), 2.63 in/yr (67 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,180 cfs (33.4 cu m/s) June 27 (gage height, 11.58 ft, 3.530 m); minimum, 0.72 cfs (0.020 cu m/s) May 31, June 1, 2, 6, 8, 9; (gage height, 1.29 ft, 0.393 m).
Period of record: Maximum discharge, 1,410 cfs (39.9 cu m/s) Sept. 11, 1964 (gage height, 11.91 ft, 3.630 m); minimum, 0.28 cfs (0.008 cu m/s) May 30, 31, June 1, 2, 1971; minimum gage height, that of May 31, June 1, 2, 6, 8, 9, 1974.

REMARKS.--Records fair.

REVISIONS.--WRD Fla. 1966: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.0	3.0	1.6	28	4.9	3.0	6.8	.89	.76	383	318	76
2	8.1	2.4	1.5	28	4.7	2.9	5.5	.86	.76	299	346	67
3	7.1	2.4	1.5	24	4.4	4.5	4.4	.86	.99	375	349	59
4	6.0	2.3	1.4	21	4.9	6.3	3.6	.86	.87	373	398	49
5	5.0	2.2	1.4	18	4.5	6.2	2.9	.86	.83	283	367	45
6	4.1	2.1	1.8	17	3.8	6.1	2.5	1.0	.80	239	323	181
7	3.6	1.9	1.9	16	4.5	5.9	2.1	.91	.79	211	312	321
8	3.1	1.9	3.7	15	5.3	5.5	1.8	.87	.77	167	250	308
9	3.0	1.8	6.9	14	5.2	2.1	1.6	.86	.79	128	223	270
10	3.2	1.7	7.7	13	4.8	2.0	1.4	.85	.87	102	209	276
11	2.8	1.7	8.1	13	3.9	3.7	1.3	.85	1.9	84	172	219
12	2.5	1.6	8.1	12	3.2	2.0	1.1	.91	1.6	76	143	167
13	2.2	1.6	7.3	11	3.1	3.5	1.2	.90	1.2	78	132	133
14	1.9	1.6	7.2	11	3.3	1.3	1.1	.90	1.1	82	116	137
15	1.9	1.5	7.0	9.7	2.8	1.2	1.0	.88	1.3	85	107	146
16	1.8	1.5	16	9.1	2.9	1.2	2.2	.88	1.3	78	106	118
17	1.7	1.5	27	8.6	2.7	1.2	3.6	.94	1.1	68	96	103
18	1.6	1.5	23	8.1	2.6	1.1	3.4	.93	1.0	67	90	93
19	1.6	1.8	21	7.7	5.6	1.1	2.5	.88	1.1	84	91	85
20	1.6	1.7	17	7.3	7.4	1.0	1.9	.85	1.4	88	93	72
21	1.6	1.7	15	7.0	7.6	.96	1.6	.83	2.3	63	127	64
22	1.8	1.6	13	6.7	7.6	4.6	1.4	.85	1.9	55	327	102
23	1.7	1.6	12	6.5	6.4	20	1.3	.87	2.0	130	287	97
24	1.6	1.6	11	6.2	5.4	27	1.2	.86	15	95	213	76
25	1.6	1.6	9.8	5.8	4.6	26	1.1	.83	292	72	158	66
26	1.5	1.5	8.6	5.8	4.0	24	.99	.81	627	61	122	58
27	1.5	1.4	23	5.4	3.7	20	.95	.86	1,090	56	115	57
28	1.4	1.6	35	5.1	3.3	16	.92	.83	823	69	104	71
29	1.5	1.7	32	4.9	------	13	.89	.81	518	227	86	72
30	1.4	1.6	32	4.9	------	11	.89	.79	394	196	78	68
31	1.6	------	29	5.4	------	8.6	------	.78	------	293	77	------
TOTAL	89.0	53.6	391.5	355.2	127.1	232.96	63.14	26.86	3,786.43	4,667	5,935	3,656
MEAN	2.87	1.79	12.6	11.5	4.54	7.51	2.10	.87	126	151	191	122
MAX	9.0	3.0	35	28	7.6	27	6.8	1.0	1,090	383	398	321
MIN	1.4	1.4	1.4	4.9	2.6	.96	.89	.78	.76	55	77	45
CFSM	.02	.010	.07	.06	.02	.04	.01	.005	.69	.83	1.05	.67
IN.	.02	.01	.08	.07	.03	.05	.01	.005	.77	.95	1.21	.75

CAL YR 1973 TOTAL 4,895.27 MEAN 13.4 MAX 96 MIN .86 CFSM .07 IN 1.00
WTR YR 1974 TOTAL 19,383.79 MEAN 53.1 MAX 1,090 MIN .76 CFSM .29 IN 3.96

02310310 Pithlachascotee River at Port Richey, Fla.

LOCATION.--Lat 28°16'10", long 82°43'36", in NW quarter sec.32, T.25 S., R.16 E., Pasco County, on municipal pier on left bank 300 ft (90 m) northwest of bridge on U. S. Highway 19 at Port Richey, and 1.3 miles (2.1 km) upstream from mouth.

DRAINAGE AREA.--195 sq mi (505 sq km).

PERIOD OF RECORD.--March 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.87 ft (1.180 m) below mean sea level (Corps of Engineers bench mark).

EXTREMES.--Current year: Maximum gage height, 7.85 ft (2.393 m) June 24; minimum, 1.07 ft (0.326 m) Feb. 5.
Period of record: Maximum gage height, 9.01 ft (2.746 m) June 19, 1972 (from hurricane tide); minimum, that of Feb. 5, 1974.

REMARKS.--Gage records water levels and tidal fluctuations in Pithlachascotee River. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.28	5.52	4.87	5.35	5.58	5.43	5.77	5.40	6.04	6.11	6.53	6.21
2	5.71	5.23	5.16	5.36	5.91	5.51	5.93	5.57	6.26	6.36	6.13	6.50
3	5.59	5.03	5.75	5.56	6.25	5.50	6.32	5.68	6.09	6.45	6.04	6.54
4	5.52	5.62	6.50	5.65	4.88	5.84	6.13	5.98	6.14	6.59	6.32	6.41
5	4.69	6.00	6.55	5.80	4.36	6.07	6.54	6.49	6.34	6.52	6.68	6.27
6	5.46	5.09	5.39	6.32	5.99	5.95	5.96	6.53	6.23	6.44	5.71	6.59
7	5.73	5.94	5.26	6.59	6.84	5.50	5.92	6.27	6.30	6.24	5.87	6.21
8	5.73	6.44	5.91	6.49	6.77	5.89	6.30	6.33	6.21	5.95	5.80	6.22
9	6.16	6.63	6.49	6.47	6.02	5.86	5.94	6.37	6.00	5.88	5.61	5.79
10	6.04	5.26	6.79	5.68	4.99	5.85	5.60	6.05	5.90	5.63	5.83	5.72
11	6.03	5.59	4.21	6.44	5.35	5.80	5.86	6.52	5.67	5.94	5.73	6.02
12	6.33	5.18	5.89	5.74	5.56	5.94	5.88	6.19	5.47	6.07	5.71	6.17
13	6.48	6.37	6.40	5.24	5.56	6.19	5.76	5.27	5.49	5.36	5.83	6.62
14	6.61	6.66	6.55	5.73	5.62	5.55	5.39	5.09	5.86	5.70	6.27	6.75
15	7.00	6.64	5.87	5.51	5.48	5.46	5.06	5.16	5.90	5.88	6.67	6.76
16	6.88	6.62	6.08	5.31	6.46	5.56	5.09	5.30	6.15	6.35	6.77	6.53
17	5.60	5.52	4.84	5.37	5.15	4.58	5.00	5.69	6.33	6.40	6.93	6.47
18	5.34	6.01	4.67	5.44	6.40	4.89	5.01	5.88	6.32	6.60	6.95	6.56
19	4.49	6.11	5.84	5.67	6.78	5.52	5.58	6.11	6.57	6.79	6.37	6.55
20	4.99	6.40	6.60	6.31	4.84	5.62	5.66	6.64	6.69	6.85	6.26	6.36
21	5.34	6.44	4.69	6.03	5.86	6.04	5.98	6.60	6.90	6.80	6.17	5.98
22	5.54	6.22	4.88	4.89	6.27	5.26	6.60	7.00	6.81	6.36	6.11	6.09
23	5.71	6.14	5.62	6.07	5.58	6.30	6.56	7.27	6.55	6.01	6.28	5.88
24	5.99	6.93	5.91	6.06	5.58	6.12	6.31	6.67	7.85	5.77	5.81	5.61
25	6.68	7.00	6.19	6.17	5.43	6.45	5.73	6.26	6.95	5.79	5.94	6.08
26	6.67	6.87	6.06	5.91	4.25	6.03	6.07	6.32	6.09	5.71	5.65	6.13
27	7.07	5.71	5.13	5.82	5.03	6.25	5.81	6.20	6.45	5.79	5.62	6.71
28	7.23	6.99	5.52	5.95	5.27	6.21	5.99	5.40	6.09	5.87	5.84	6.40
29	6.11	6.70	5.43	5.71	------	6.47	5.20	5.37	5.82	5.86	6.04	6.39
30	6.02	4.22	5.52	5.77	------	6.12	5.29	5.79	5.87	6.05	6.12	6.24
31	6.61	------	5.54	5.67	------	5.53	------	5.92	------	6.12	6.27	------
MEAN	5.99	6.04	5.68	5.81	5.65	5.78	5.81	6.04	6.24	6.14	6.12	6.29
MAX	7.23	7.00	6.79	6.59	6.84	6.47	6.60	7.27	7.85	6.85	6.95	6.76
MIN	4.49	4.22	4.21	4.89	4.25	4.58	5.00	5.09	5.47	5.36	5.61	5.61

CAL YR 1973 MEAN 6.05 MAX 7.65 MIN 4.21
WTR YR 1974 MEAN 5.97 MAX 7.85 MIN 4.21

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310310 Pithlachascotee River at Port Richey, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.00	3.15	2.71	3.02	2.73	2.13	2.64	2.77	2.68	2.54	2.98	2.92
2	3.28	3.13	3.22	3.40	2.46	2.26	2.78	2.69	2.45	2.58	2.50	3.06
3	3.26	3.08	3.79	2.31	2.59	2.08	2.73	2.51	2.31	2.66	2.75	3.19
4	3.27	3.43	3.86	2.29	2.85	1.98	3.11	2.44	2.11	2.51	2.68	3.30
5	3.53	3.54	4.03	1.90	1.07	1.90	3.24	2.48	2.37	2.62	2.88	3.45
6	3.40	2.85	3.37	1.75	2.27	1.94	1.72	2.38	2.40	2.68	2.85	3.44
7	3.25	2.55	1.81	1.76	2.41	1.96	2.42	2.20	2.59	2.71	3.15	3.71
8	3.46	3.91	2.03	1.69	2.75	2.03	2.54	2.31	2.71	2.86	3.27	3.39
9	2.98	2.36	1.73	1.68	2.64	2.23	2.30	2.38	2.83	3.05	3.14	3.28
10	2.64	1.74	1.74	1.89	2.07	2.10	1.69	2.62	3.89	3.62	3.20	2.87
11	3.34	1.17	1.62	2.22	2.57	2.15	3.41	3.57	2.86	3.97	3.05	2.95
12	2.49	1.80	1.68	2.40	2.83	2.72	2.17	3.84	3.45	3.00	2.71	2.93
13	2.54	2.27	2.21	2.38	3.56	3.71	3.18	3.78	3.52	3.17	2.63	2.74
14	2.54	2.64	2.83	2.85	3.03	2.08	3.40	2.83	3.40	2.87	2.48	2.70
15	2.68	3.23	3.17	2.78	3.20	2.02	3.24	3.29	3.19	2.61	2.42	2.96
16	3.06	3.45	4.32	2.78	2.98	2.89	3.10	3.27	2.65	2.36	2.31	2.77
17	3.21	3.39	3.47	2.58	2.60	3.62	2.90	2.87	2.42	1.98	2.40	2.77
18	2.54	3.88	2.47	2.28	2.27	2.28	2.63	2.78	2.24	1.92	2.86	2.93
19	2.37	3.88	2.22	1.90	3.16	2.40	2.85	2.40	1.84	2.13	2.90	2.95
20	2.70	3.25	2.65	2.07	2.63	2.91	2.32	2.24	2.05	2.29	2.97	3.22
21	3.13	3.05	3.47	2.41	2.51	2.95	2.18	2.29	2.13	2.66	2.82	3.18
22	3.08	2.87	1.60	2.08	2.91	2.37	2.47	2.40	2.55	2.69	2.88	3.66
23	2.69	2.35	1.68	2.03	2.24	2.94	2.14	2.49	2.96	3.08	2.76	3.35
24	3.94	2.28	1.98	2.01	2.25	2.40	2.12	2.32	4.70	3.07	3.10	3.44
25	2.88	2.86	2.21	2.11	2.20	2.35	2.84	2.55	3.84	3.06	3.24	3.92
26	2.71	2.65	2.44	2.40	1.22	2.13	1.20	4.25	4.01	3.18	3.18	3.81
27	2.67	2.66	2.41	2.62	2.20	2.14	2.03	3.26	3.97	3.19	2.86	3.98
28	2.97	2.96	2.10	3.02	1.96	2.50	1.92	3.10	3.37	3.00	2.92	3.63
29	2.84	2.11	2.29	3.01	------	4.33	2.34	3.22	2.90	2.77	3.07	3.47
30	2.81	2.18	2.67	3.45	------	3.20	2.63	2.99	2.51	2.77	2.77	3.11
31	3.12	------	3.22	3.05	------	3.26	------	2.86	------	2.71	2.99	------
MEAN	2.98	2.82	2.61	2.39	2.51	2.51	2.54	2.82	2.90	2.78	2.86	3.24
MAX	3.94	3.91	4.32	3.45	3.56	4.33	3.41	4.25	4.70	3.97	3.27	3.98
MIN	2.37	1.17	1.60	1.68	1.07	1.90	1.20	2.20	1.84	1.92	2.31	2.70

CAL YR 1973 MEAN 2.77 MAX 5.05 MIN 1.17
WTR YR 1974 MEAN 2.75 MAX 4.70 MIN 1.07

02310352 Bear Creek at Plaza Drive near Hudson, Fla.

LOCATION.--Lat 28°19'38", long 82°39'59", in NW quarter sec.12, T.25 S., R.16 E., Pasco County, on right bank 45 ft (14 m), upstream from culverts on Plaza Drive, 0.3 mile (0.5 km) upstream from Bear Sink, and 3.0 miles (4.8 km) southeast of Hudson.

DRAINAGE AREA.--29.2 sq mi (75.6 sq km).

PERIOD OF RECORD.--June 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5.57 ft (1.698 m) below mean sea level.

EXTREMES.--Current year: Maximum discharge, 224 cfs (6.34 cu m/s) July 4: maximum gage height, 18.49 ft (5.636 m) June 27, 28; no flow Oct. 12-17, Apr. 27 to May 16; minimum gage height, 13.57 ft (4.136 m) May 17.
Period of record: Maximum discharge, 279 cfs (7.90 cu m/s) Sept. 12, 1971; maximum gage height, that of June 27, 28, 1974; no flow at times most years; minimum gage height, 10.69 ft (3.258 m) June 22, 1971.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.40	.22	.23	5.4	1.3	.67	2.5	0	.09	135	170	47
2	.34	.25	.23	4.8	1.3	.64	2.1	0	.07	131	190	40
3	.28	.27	.22	4.3	1.3	.61	1.8	0	.33	189	197	37
4	.25	.26	.21	3.9	1.2	.58	1.5	0	.78	222	200	36
5	.19	.25	.21	3.5	1.1	.55	1.3	0	.74	206	185	35
6	.13	.26	.26	3.3	1.1	.52	1.1	0	.58	206	170	69
7	.11	.24	.32	3.0	1.1	.50	.90	0	.44	196	153	121
8	.08	.22	.86	2.8	1.1	.47	.77	0	.31	167	124	134
9	.06	.20	1.2	2.7	1.0	.44	.62	0	.24	143	113	126
10	.06	.18	1.3	2.5	.96	.42	.55	0	.39	122	108	117
11	.02	.15	1.2	2.3	.93	.39	.45	0	1.8	103	92	105
12	0	.12	1.1	2.2	.89	.35	.36	0	2.2	90	78	89
13	0	.10	1.0	2.1	.85	.33	.33	0	1.9	82	69	72
14	0	.09	1.2	2.0	.80	.29	.29	0	1.6	75	63	59
15	0	.07	1.3	1.9	.78	.25	.26	0	1.3	66	58	53
16	0	.06	2.5	1.8	.79	.25	.36	0	1.0	55	50	51
17	0	.06	3.6	1.8	.82	.28	.55	.01	.72	44	41	49
18	.08	.05	3.5	1.7	.80	.26	.55	.19	.49	55	39	48
19	.27	.05	3.1	1.7	.78	.24	.48	.33	.38	106	34	41
20	.25	.05	2.6	1.6	.88	.21	.38	.35	.68	83	31	38
21	.19	.04	2.2	1.5	.90	.19	.30	.29	.72	56	27	36
22	.17	.04	1.9	1.5	.93	.79	.23	.24	.60	42	31	42
23	.13	.04	1.6	1.5	.95	3.4	.17	.30	.55	53	60	51
24	.10	.04	1.5	1.5	.89	6.6	.17	.45	3.8	55	65	47
25	.07	.04	1.4	1.4	.83	7.7	.10	.50	100	51	59	43
26	.05	.04	1.3	1.4	.76	7.1	.03	.46	129	46	52	40
27	.04	.03	3.1	1.4	.72	5.9	0	.41	175	60	52	36
28	.02	.07	5.5	1.4	.70	4.8	0	.35	188	74	62	36
29	.04	.21	6.9	1.3	------	4.0	0	.26	161	109	66	36
30	.05	.23	6.9	1.3	------	3.5	0	.21	137	123	59	36
31	.04	------	6.2	1.3	------	2.9	------	.14	------	140	53	------
TOTAL	3.42	3.93	64.64	70.8	26.46	55.13	18.15	4.49	911.71	3,285	2,751	1,770
MEAN	.11	.13	2.09	2.28	.95	1.78	.61	.14	30.4	106	88.7	59.0
MAX	.40	.27	6.9	5.4	1.3	7.7	2.5	.50	188	222	200	134
MIN	0	.03	.21	1.3	.70	.19	0	0	.07	42	27	35
CFSM	.004	.005	.07	.08	.03	.06	.02	.005	1.04	3.63	3.04	2.02
IN.	.004	.005	.08	.09	.03	.07	.02	.005	1.16	4.19	3.50	2.25

CAL YR 1973 TOTAL 3,435.33 MEAN 9.41 MAX 76 MIN 0 CFSM .32 IN 4.38
WTR YR 1974 TOTAL 8,964.73 MEAN 24.6 MAX 222 MIN 0 CFSM .84 IN 11.42

02310355 Bear Creek below Bear Sink near Hudson, Fla.

LOCATION.--Lat 28°19'50", long 82°40'22", in NE quarter sec.11, T.25 S., R.16 E., Pasco County, at bridge on State Highway 52, 0.2 mile (0.3 km) downstream from Bear Sink, and 2.8 miles (4.5 km) southeast of Hudson.

DRAINAGE AREA.--29.7 sq mi (76.9 sq km).

PERIOD OF RECORD.--August 1965 to September 1966 (discharge measurements only); October 1966 to current year (discharge measurements and crest-stage partial records).

GAGE.--Nonrecording gage. Datum of gage is 4.42 ft (1.347 m) above mean sea level.

EXTREMES.--Period of record: Maximum discharge measured, 187 cfs (5.30 cu m/s) June 27, 1974; no flow at times most years.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 22	0	June 27	187
Dec. 11	0	July 1	105
Jan. 10	0	July 7	172
Feb. 8	0	July 12	53
Mar. 23	0	July 27	32
Apr. 1	0	Sept. 19	10
June 25	160		

02310500 Weekiwachee Springs near Brooksville, Fla.

LOCATION.--Lat 28°31'00", long 82°34'25", in NE quarter sec.2, T.23 S., R.17 E., Hernando County, on west side of spring pool at head of Weekiwachee River, and 12 miles (19 km) southwest of Brooksville.

PERIOD OF RECORD.--1917, 1929-30 (one discharge measurement in each year); February 1931 to June 1966 (discharge measurements only); July 1966 to current year (gage heights and discharge measurements only).

GAGE.--Nonrecording gage read once daily. Datum of gage is 8.12 ft (2.475 m) above mean sea level.

AVERAGE DISCHARGE.--364 measurements, 176 cfs (4.98 cu m/s), 114 mgd (431,500 cu m/d).

EXTREMES.--Current year: Maximum gage height observed, 3.30 ft (1.006 m) Aug. 12, Sept. 27-29; minimum observed, 1.56 ft (0.475 m) June 19-23.

Period of record: Maximum discharge measured, 275 cfs (7.79 cu m/s) Oct. 19, 1964; maximum gage height observed, 3.86 ft (1.177 m) Sept. 9, 1960; minimum discharge measured, 101 cfs (2.86 cu m/s) July 24, 1956; minimum gage height observed, 0.58 ft (0.177 m) Aug. 5, 1932.

REMARKS.--Discharge measurements made about 1 mile (1.6 km) downstream from head of springs.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 25	148	May 28	135
Dec. 13	140	July 31	242
Feb. 12	138	Sept. 17	248
Apr. 4	144		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.10	1.95	1.85	1.90	1.80	1.88	1.86	1.72	1.58	2.45	2.95	3.10
2	2.10	1.95	1.85	1.90	1.80	1.88	1.88	1.72	1.58	2.51	3.00	3.12
3	2.10	1.95	1.85	1.88	1.82	1.88	1.88	1.72	1.58	2.54	3.00	3.12
4	2.10	1.95	1.85	1.90	1.82	1.88	1.90	1.72	1.58	2.57	3.02	3.12
5	2.10	1.95	1.85	1.88	1.82	1.88	1.90	1.72	1.58	2.57	3.04	3.16
6	2.10	1.90	1.85	1.88	1.80	1.88	1.90	1.70	1.59	2.57	3.05	3.22
7	2.10	1.90	1.85	1.82	1.80	1.88	1.90	1.70	1.59	2.58	3.05	3.24
8	2.05	1.90	1.90	1.88	1.80	1.88	1.90	1.70	1.59	2.58	3.10	3.22
9	2.05	1.90	1.90	1.88	1.80	1.88	1.88	1.68	1.59	2.58	3.10	3.24
10	2.00	1.90	1.90	1.86	1.82	1.88	1.88	1.68	1.58	2.62	3.20	3.22
11	2.00	1.90	1.90	1.88	1.82	1.84	1.86	1.68	1.58	2.64	3.20	3.22
12	2.00	1.90	1.85	1.88	1.80	1.82	1.90	1.68	1.58	2.68	3.30	3.20
13	2.00	1.90	1.85	1.88	1.80	1.82	1.88	1.68	1.58	2.71	3.10	3.24
14	2.03	1.90	1.85	1.84	1.80	1.82	1.90	1.68	1.57	2.72	3.20	3.24
15	2.00	1.90	1.85	1.82	1.82	1.82	1.90	1.69	1.57	2.74	3.10	3.24
16	2.00	1.90	1.90	1.84	1.82	1.82	1.84	1.68	1.57	2.74	3.10	3.24
17	2.00	1.90	1.90	1.84	1.82	1.80	1.84	1.68	1.57	2.74	3.10	3.22
18	2.00	1.90	1.90	1.84	1.80	1.80	1.84	1.68	1.57	2.76	3.08	3.22
19	2.00	1.90	1.85	1.84	1.80	1.80	1.86	1.68	1.56	2.79	3.05	3.26
20	2.00	1.90	1.90	1.82	1.88	1.80	1.86	1.68	1.56	2.78	3.05	3.28
21	2.00	1.90	1.90	1.82	1.86	1.80	1.82	1.68	1.56	2.79	3.09	3.28
22	2.00	1.90	1.85	1.82	1.88	1.80	1.78	1.68	1.56	2.80	3.10	3.28
23	1.95	1.90	1.85	1.82	1.88	1.88	1.78	1.68	1.56	2.80	3.08	3.26
24	1.95	1.85	1.85	1.82	1.88	1.88	1.78	1.69	1.57	2.79	3.08	3.26
25	1.95	1.85	1.85	1.82	1.88	1.88	1.78	1.64	2.00	2.80	3.10	3.28
26	1.95	1.85	1.85	1.82	1.88	1.88	1.76	1.62	2.06	2.83	3.10	3.28
27	1.95	1.85	1.90	1.82	1.88	1.86	1.76	1.60	2.30	2.84	3.10	3.30
28	1.95	1.85	1.90	1.82	1.88	1.86	1.76	1.60	2.34	2.84	3.12	3.30
29	1.95	1.85	1.90	1.82	------	1.84	1.74	1.60	2.38	2.84	3.12	3.30
30	1.95	1.85	1.90	1.80	------	1.86	1.74	1.58	2.45	2.86	3.12	3.29
31	1.95	------	1.90	1.80	------	1.86	------	1.58	------	2.86	3.12	------
MEAN	2.01	1.90	1.87	1.85	1.83	1.85	1.84	1.67	1.71	2.71	3.09	3.23
MAX	2.10	1.95	1.90	1.90	1.88	1.88	1.90	1.72	2.45	2.86	3.30	3.30
MIN	1.95	1.85	1.85	1.80	1.80	1.80	1.74	1.58	1.56	2.45	2.95	3.10

CAL YR 1973 MEAN 2.09 MAX 2.34 MIN 1.85
WTR YR 1974 MEAN 2.13 MAX 3.30 MIN 1.56

02310600 Gulf of Mexico near Bayport, Fla.

LOCATION.--Lat 28°32'00", long 82°39'01", on line between secs. 25 and 36, T.22 S., R.16 E., Hernando County, at mouth of Weekiwachee River, on Florida Department of Transportation pier at terminus of State Highway 50, 1.1 miles (1.8 km) southwest of Bayport.

PERIOD OF RECORD.--January 1964 to September 1965 (elevations only); October 1965 to current year (maximum and minimum gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level.

EXTREMES.--Current year: Maximum gage height, 13.72 ft (4.182 m) June 25; minimum 7.84 ft (2.390 m) Feb. 5.
Period of record: Maximum gage height, 15.43 ft (4.703 m) June 19, 1972 (affected by hurricane); minimum, 7.67 ft (2.338 m) Jan. 16, 1972.

REMARKS.--Gage records water levels and tidal fluctuations in Gulf of Mexico. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.42	12.52	11.10	11.56	11.89	11.70	12.10	11.53	12.34	12.27	12.80	12.50
2	12.21	11.56	11.38	11.56	12.22	11.80	12.20	11.82	12.57	12.58	12.40	12.80
3	11.88	11.36	11.97	11.79	12.72	11.80	12.06	12.05	12.39	12.71	12.30	12.80
4	11.64	11.82	12.75	11.88	10.87	12.10	12.56	12.25	12.42	12.91	12.60	12.70
5	11.58	12.13	12.75	12.01	10.50	12.30	13.11	12.79	12.59	12.74	13.00	12.60
6	11.42	11.17	11.36	12.62	12.29	11.70	12.14	12.78	12.47	12.73	12.00	12.90
7	11.85	11.64	10.11	11.50	13.09	12.30	12.19	12.52	12.64	11.68	12.20	12.80
8	11.85	12.18	11.30	12.90	13.13	12.20	12.74	12.66	12.48	12.48	12.10	12.50
9	12.25	12.72	12.03	12.68	12.29	12.20	12.47	12.67	12.23	12.17	11.90	12.40
10	12.22	12.91	12.75	12.74	11.30	12.10	11.69	12.41	12.14	12.05	12.10	12.00
11	11.98	10.83	12.91	12.66	11.68	12.10	12.11	13.04	12.08	12.22	12.00	12.30
12	12.07	11.45	12.05	12.03	11.86	12.30	12.15	12.42	11.67	12.42	12.00	12.50
13	12.36	12.54	12.61	11.39	11.89	12.50	12.15	11.50	11.73	11.41	12.10	12.90
14	12.66	12.89	12.86	11.96	12.87	11.80	11.65	11.35	12.09	11.95	12.60	13.00
15	12.75	12.84	12.15	11.70	12.08	11.70	11.36	11.38	11.99	12.12	13.00	13.00
16	13.22	12.85	12.23	11.52	11.91	12.00	11.15	11.60	12.35	12.63	13.10	12.80
17	13.20	11.62	10.95	11.59	12.02	12.30	10.86	11.90	12.60	12.66	13.20	12.80
18	11.43	12.26	10.76	11.69	12.08	11.40	11.37	12.17	12.52	11.33	13.30	12.90
19	11.14	12.27	11.93	11.87	12.13	11.80	11.89	12.42	12.88	12.79	12.70	12.80
20	11.05	12.56	13.00	12.55	13.10	11.90	11.85	12.89	12.89	13.04	12.60	12.70
21	11.29	12.38	10.66	11.38	12.20	12.10	12.31	12.80	13.14	13.04	12.50	12.40
22	11.54	12.69	11.04	12.30	12.60	12.30	13.03	13.33	13.10	12.94	12.40	12.30
23	11.73	12.46	10.62	12.29	11.90	12.60	12.91	13.64	13.14	12.54	12.60	12.20
24	12.24	12.37	11.78	12.20	11.90	12.40	12.62	12.95	12.71	12.11	12.20	12.30
25	12.24	13.11	12.18	12.34	11.70	12.70	11.90	12.65	13.72	12.06	12.30	12.40
26	12.77	13.31	12.42	12.10	10.90	12.30	12.35	12.75	12.53	11.97	12.30	12.60
27	12.87	13.08	12.22	12.03	11.30	12.50	12.07	12.66	12.58	12.08	11.90	13.00
28	13.25	13.32	11.62	12.35	11.50	12.50	12.17	11.70	12.30	10.75	12.10	12.70
29	13.68	12.55	11.67	12.02	------	12.80	11.79	11.64	11.96	12.24	12.30	12.70
30	12.29	10.46	11.78	12.14	------	12.40	11.62	12.03	12.10	11.21	12.40	12.50
31	12.29	------	11.85	11.88	------	11.80	------	12.15	------	12.26	12.60	------
MEAN	12.17	12.26	11.83	12.04	12.00	12.14	12.09	12.34	12.48	12.26	12.44	12.63
MAX	13.68	13.32	13.00	12.90	13.13	12.80	13.11	13.64	13.72	13.04	13.30	13.00
MIN	11.05	10.46	10.11	11.38	10.50	11.40	10.86	11.35	11.67	10.75	11.90	12.00

CAL YR 1973 MEAN 12.20 MAX 13.78 MIN 10.11
WTR YR 1974 MEAN 12.22 MAX 13.72 MIN 10.11

NOTE.--Record estimated Feb. 20 to Apr. 3, July 31 to Sept. 30.

02310600 Gulf of Mexico near Bayport, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.21	9.22	8.74	9.27	8.80	8.20	8.70	8.90	8.93	8.73	9.10	9.00
2	9.38	9.25	9.19	8.82	8.55	8.30	8.90	8.90	8.81	8.74	8.60	9.10
3	9.22	9.02	9.70	8.35	8.90	8.20	9.10	8.96	8.66	8.80	8.80	9.30
4	9.25	9.39	9.79	8.41	9.26	8.10	9.29	8.82	8.55	8.86	8.80	9.40
5	9.30	10.05	10.14	8.23	7.84	8.00	9.59	8.94	8.75	8.80	9.00	9.50
6	9.25	9.31	9.31	8.20	8.53	8.00	8.25	8.76	9.96	8.93	8.90	9.50
7	9.08	8.85	8.12	8.30	8.86	8.10	8.55	9.80	8.77	8.99	9.20	9.80
8	9.30	8.78	8.34	8.29	9.18	8.10	9.07	8.55	8.83	9.02	9.40	9.50
9	9.54	8.73	8.25	8.30	9.00	8.30	9.90	8.63	8.87	9.06	9.20	9.40
10	9.12	8.39	8.36	8.35	8.40	8.20	8.59	8.66	8.94	9.25	9.30	9.00
11	8.85	7.95	8.28	8.57	9.04	8.20	8.12	8.79	9.01	9.64	9.10	9.10
12	8.74	8.20	8.25	8.55	8.70	8.80	8.32	9.92	9.59	9.44	8.80	9.00
13	8.83	8.63	8.71	8.50	8.90	9.80	8.97	9.79	9.53	9.44	8.70	8.80
14	8.93	8.88	9.03	8.56	8.85	8.20	9.28	8.79	9.43	9.07	8.60	8.80
15	8.98	9.39	9.25	8.84	8.42	8.10	9.22	9.21	9.36	9.05	8.50	9.00
16	9.36	9.46	10.62	8.79	8.63	9.00	9.15	9.33	8.94	8.90	8.40	8.90
17	9.36	9.34	9.70	8.71	8.51	9.30	8.96	8.93	8.90	8.81	8.50	8.90
18	8.63	9.72	8.56	8.37	8.47	8.40	8.69	9.01	8.86	8.61	8.90	9.00
19	8.39	9.95	8.27	8.16	8.47	8.50	8.91	8.70	8.67	8.58	9.00	9.00
20	8.76	9.24	8.76	8.28	8.70	9.00	8.52	9.53	8.52	8.78	9.10	9.30
21	9.08	9.15	10.18	8.66	8.60	9.00	8.51	8.69	8.62	8.92	8.90	9.30
22	9.22	9.01	8.05	8.35	9.00	8.50	8.86	8.69	8.72	9.20	9.00	9.80
23	9.00	8.60	8.08	8.39	8.30	9.00	9.65	8.82	9.11	9.02	8.80	9.40
24	8.88	8.57	8.24	8.35	8.30	8.50	8.66	8.99	9.42	9.20	9.20	9.30
25	9.05	9.06	8.53	8.46	8.30	8.40	8.68	8.84	10.45	9.23	9.30	9.40
26	8.99	8.92	8.81	8.60	7.90	8.20	8.02	8.92	9.83	9.16	9.30	9.60
27	9.01	8.92	8.74	8.67	8.30	8.20	8.41	9.57	9.77	9.30	8.90	10.00
28	9.24	9.37	8.33	9.04	8.00	8.60	8.32	9.14	9.23	9.31	9.00	9.70
29	9.34	8.40	8.52	9.09	------	9.80	8.56	9.20	8.99	9.27	9.20	9.60
30	9.00	8.36	8.76	9.10	------	9.30	8.74	9.28	8.97	8.89	8.80	9.20
31	9.25	------	9.31	9.14	------	8.80	------	9.05	------	8.99	9.10	------
MEAN	9.08	9.00	8.87	8.57	8.60	8.55	8.82	9.04	9.10	9.03	8.95	9.29
MAX	9.54	10.05	10.62	9.27	9.26	9.80	9.90	9.92	10.45	9.64	9.40	10.00
MIN	8.39	7.95	8.05	8.16	7.84	8.00	8.02	8.55	8.52	8.58	8.40	8.80

CAL YR 1973 MEAN 8.95 MAX 11.15 MIN 7.91
WTR YR 1974 MEAN 8.91 MAX 10.62 MIN 7.84

NOTE.--Record estimated Feb. 20 to Apr. 3, July 31 to Sept. 30.

02310650 Chassahowitzka River near Homosassa, Fla.

LOCATION.--Lat 28°42'54", long 82°34'38", in SW quarter sec.26, T.20 S., R.17 E., Citrus County, at left bank just downstream from head of springs, 0.5 mile (0.8 km) upstream from Baird Creek, 4.9 miles (7.9 km) upstream from mouth, and 5.1 miles (8.2 km) southeast of Homosassa.

PERIOD OF RECORD.--January 1964 to September 1965 (gage heights and periodic discharge measurements only); October 1965 to current year (periodic discharge measurements and maximum and minimum gage heights only). Miscellaneous discharge measurements for some periods prior to January 1964.

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level.

EXTREMES.--Current year: Maximum gage height 13.61 ft (4.148 m) June 24; minimum, 10.93 ft (3.331 m) Oct. 20, 21, 23.
Period of record: Maximum discharge measured, 208 cfs (5.89 cu m/s) Jan. 8, 1973; maximum gage height, 15.16 ft (4.621 m) Sept. 10, 1964; minimum discharge measured, 31.8 cfs (0.90 cu m/s) July 8, 1964; minimum gage height, 10.91 ft (3.325 m) Dec. 8, 1970.
Maximum discharge measured prior to January 1964, 140 cfs (3.96 cu m/s) Nov. 9, 1960; minimum measured, 54.6 cfs (1.55 cu m/s) Nov. 8, 1935.

REMARKS.--Tide affected. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 25	106	May 28	68
Dec. 13	132	Aug. 1	108
Feb. 11	101	Sept. 17	141
Apr. 3	111		

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.09	12.39	11.28	11.62	11.86	11.73	11.65	11.67	12.09	12.17	12.38	12.13
2	11.97	11.64	11.49	11.58	12.29	11.80	12.23	11.78	12.15	12.38	12.45	12.21
3	11.73	11.61	11.85	11.75	12.27	11.40	12.03	11.96	12.12	12.33	12.19	12.28
4	11.63	11.55	11.99	11.83	12.45	11.77	12.39	12.03	12.07	12.28	12.27	12.22
5	11.61	12.00	12.45	11.25	11.22	11.87	12.46	12.32	12.09	12.25	12.22	12.25
6	11.45	11.98	12.57	11.85	11.86	11.93	11.49	12.44	12.09	12.30	12.08	12.54
7	11.60	11.58	11.43	12.16	12.42	11.82	11.79	12.08	12.15	12.21	12.01	12.34
8	11.63	11.86	11.37	12.26	12.55	11.67	12.31	12.13	12.05	12.08	11.98	12.27
9	11.85	12.18	11.80	12.05	11.91	11.72	12.12	12.16	11.99	12.05	12.03	12.18
10	11.72	12.14	12.17	12.09	11.29	11.76	11.56	12.10	11.97	12.01	12.08	12.10
11	11.58	11.00	12.07	12.10	11.62	11.80	11.79	12.51	11.95	12.17	12.10	12.12
12	11.68	11.25	11.73	11.80	11.71	12.14	12.12	12.86	11.70	12.27	12.04	12.17
13	11.87	12.02	12.12	11.29	11.85	11.98	12.21	11.68	11.71	11.83	12.0[illegible]	12.39
14	12.12	12.30	12.53	11.73	11.95	11.46	11.97	11.69	11.80	11.97	12.25	12.34
15	12.20	12.38	12.06	11.64	11.84	11.70	11.77	11.73	11.75	12.10	12.34	12.26
16	12.48	12.48	12.24	11.56	12.03	12.17	11.75	11.76	12.06	12.27	12.34	12.21
17	12.55	11.55	11.21	11.63	12.46	11.43	11.50	11.79	12.18	12.22	12.36	12.25
18	11.29	11.69	11.19	11.69	11.50	11.33	11.48	11.84	12.05	12.22	12.46	12.33
19	11.12	12.07	11.85	11.71	12.89	11.52	11.75	12.01	12.12	12.28	12.26	12.33
20	11.09	11.99	11.86	11.69	12.89	11.80	11.62	12.09	12.12	12.31	12.13	12.26
21	11.25	12.22	12.83	12.22	11.83	11.98	11.81	12.09	12.21	12.35	12.06	12.16
22	11.45	12.29	11.15	11.98	12.26	12.03	12.34	12.46	12.29	12.16	12.04	12.23
23	11.36	12.08	11.27	11.86	11.70	12.53	12.33	12.70	12.43	12.01	12.04	12.00
24	11.52	11.94	11.64	11.82	11.61	12.45	12.13	12.44	13.61	11.92	11.97	11.87
25	11.86	12.47	11.96	11.81	11.57	12.10	11.55	12.23	12.70	12.00	12.14	12.05
26	12.19	12.64	12.01	11.74	11.22	11.86	11.92	12.36	12.53	11.99	12.08	12.29
27	12.26	12.55	12.08	11.73	11.31	12.07	11.88	12.41	12.53	12.12	12.05	12.70
28	12.50	12.68	11.58	12.14	11.57	12.22	11.91	11.73	12.31	12.29	12.16	12.49
29	12.77	12.06	11.56	11.86	------	12.72	11.79	11.69	12.08	12.22	12.31	12.45
30	12.04	11.04	11.71	12.05	------	12.70	11.72	11.88	12.06	12.19	12.21	12.27
31	12.23	------	11.86	11.85	------	11.98	------	11.94	------	12.23	12.21	------
MEAN	11.83	11.99	11.84	11.82	11.93	11.92	11.91	12.08	12.17	12.17	12.17	12.26
MAX	12.77	12.68	12.83	12.26	12.89	12.72	12.46	12.86	13.61	12.38	12.46	12.70
MIN	11.09	11.00	11.15	11.25	11.22	11.33	11.48	11.67	11.70	11.83	11.97	11.87

CAL YR 1973 MEAN 12.06 MAX 13.30 MIN 11.00
WTR YR 1974 MEAN 12.01 MAX 13.61 MIN 11.00

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310650 Chassahowitzka River near Homosassa, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.24	12.18	10.99	11.07	11.15	11.22	11.37	11.32	11.35	11.48	11.72	11.65
2	11.29	11.09	11.00	11.01	11.15	11.24	11.45	11.34	11.35	11.59	11.74	11.61
3	11.17	11.03	11.07	10.99	11.29	11.24	11.42	11.39	11.37	11.71	11.82	11.72
4	11.09	11.07	11.18	11.02	11.12	11.24	11.60	11.40	11.34	11.67	11.77	11.76
5	11.07	11.24	11.48	11.03	11.10	11.29	11.86	11.36	11.30	11.66	11.77	11.82
6	11.04	11.03	11.14	11.04	11.20	11.32	11.45	11.51	11.36	11.67	11.79	12.04
7	11.05	11.02	10.96	11.09	11.46	11.31	11.31	11.43	11.34	11.73	11.72	11.88
8	11.05	11.12	11.08	11.10	11.69	11.31	11.38	11.34	11.37	11.70	11.72	11.86
9	11.12	11.21	11.03	11.11	11.28	11.31	11.63	11.36	11.29	11.65	11.71	11.81
10	11.09	11.06	11.05	11.14	11.17	11.31	11.34	11.35	11.30	11.67	11.69	11.61
11	11.05	10.95	10.98	11.19	11.16	11.30	11.28	11.33	11.33	11.73	11.61	11.60
12	11.06	10.95	10.98	11.14	11.19	11.30	11.31	11.80	11.36	11.83	11.58	11.64
13	11.10	11.06	11.12	11.04	11.21	11.43	11.44	11.41	11.29	11.56	11.58	11.78
14	11.17	11.17	11.26	11.03	11.24	11.27	11.43	11.27	11.30	11.56	11.61	11.77
15	11.19	11.32	11.19	11.08	11.25	11.22	11.40	11.29	11.28	11.61	11.67	11.72
16	11.43	11.70	11.37	11.06	11.26	11.28	11.39	11.29	11.37	11.60	11.71	11.68
17	11.73	11.08	11.08	11.05	11.29	11.32	11.32	11.29	11.34	11.66	11.73	11.71
18	11.05	11.12	10.99	11.04	11.20	11.25	11.31	11.30	11.36	11.60	11.80	11.81
19	10.97	11.32	10.97	11.04	11.43	11.27	11.30	11.31	11.29	11.62	11.89	11.77
20	10.93	11.20	11.05	11.05	11.63	11.34	11.33	11.32	11.28	11.69	11.76	11.74
21	10.93	11.27	11.14	11.20	11.33	11.45	11.28	11.35	11.30	11.73	11.69	11.70
22	10.96	11.26	10.99	11.11	11.45	11.34	11.29	11.34	11.36	11.82	11.66	11.71
23	10.93	11.13	10.97	11.11	11.65	11.44	11.47	11.49	11.53	11.68	11.65	11.72
24	10.96	11.10	10.97	11.11	11.29	11.68	11.41	11.66	11.69	11.65	11.60	11.54
25	11.05	11.34	11.02	11.14	11.28	11.40	11.26	11.46	12.66	11.64	11.71	11.60
26	11.15	11.39	11.11	11.16	11.19	11.36	11.22	11.40	12.12	11.58	11.63	11.76
27	11.22	11.36	11.20	11.16	11.18	11.31	11.29	11.71	12.14	11.62	11.62	11.95
28	11.39	11.65	11.04	11.19	11.19	11.36	11.25	11.42	11.68	11.73	11.67	12.01
29	11.81	11.90	11.06	11.20	------	11.42	11.28	11.30	11.53	11.70	11.68	11.92
30	11.13	10.98	11.08	11.22	------	11.74	11.30	11.36	11.64	11.66	11.76	11.76
31	11.23	------	11.13	11.26	------	11.57	------	11.38	------	11.68	11.67	------
MEAN	11.15	11.24	11.09	11.10	11.29	11.35	11.38	11.40	11.47	11.66	11.70	11.76
MAX	11.81	12.18	11.48	11.26	11.69	11.74	11.86	11.80	12.66	11.83	11.89	12.04
MIN	10.93	10.95	10.96	10.99	11.10	11.22	11.22	11.27	11.28	11.48	11.58	11.54

CAL YR 1973 MEAN 11.46 MAX 12.65 MIN 10.93
WTR YR 1974 MEAN 11.38 MAX 12.66 MIN 10.93

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310678 Homosassa Springs at Homosassa Springs, Fla.

LOCATION.--Lat 28°47'58", long 82°35'20", in NE quarter sec.28, T.19 S., R.17 E., Citrus County, at foot bridge on nature trail in Homosassa Springs, 0.8 mile (1.3 km) west of town of Homosassa Springs, and 2.1 miles (3.4 km) northeast of Homosassa.

PERIOD OF RECORD.--1931-33, 1936, 1946, 1956, 1961, 1963-65 (miscellaneous discharge measurements); August 1965 to current year (discharge measurements only).

GAGE.--Reference point.

AVERAGE DISCHARGE.--90 measurements, 106 cfs (3.00 cu m/s), 68.5 mgd (259,300 cu m/d).

EXTREMES.--Period of record: Maximum discharge measured, 165 cfs (4.67 cu m/s) Aug. 18, 1966; minimum measured, 80 cfs (2.27 cu m/s) Sept. 19, 1972.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 18	122	May 28	86
Dec. 13	97	July 31	115
Feb. 11	102	Sept. 17	130
Apr. 3	89		

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310688 Southeast Fork Homosassa Springs at Homosassa Springs, Fla.

LOCATION.--Lat 28°47'51", long 82°35'23", in NE quarter sec.28, T.19 S., R.17 E., Citrus County, at timber bridge on county road, 1.0 mile (1.6 km) southwest of town of Homosassa Springs, and 2.0 miles (3.2 km) northeast of Homosassa.

PERIOD OF RECORD.--1932, 1933, 1936, 1946, 1956, 1963-65 (miscellaneous discharge measurements); August 1965 to current year (discharge measurements only).

GAGE.--Reference point.

AVERAGE DISCHARGE.--89 measurements, 69.1 cfs (1.96 cu m/s), 44.7 mgd (169,200 cu m/d).

EXTREMES.--Period of record: Maximum discharge measured, 129 cfs (3.65 cu m/s) Aug. 4, 1965; minimum measured, 33 cfs (0.93 cu m/s) Apr. 3, 1946.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 18	70	May 28	64
Dec. 13	61	July 31	62
Feb. 11	54	Sept. 17	69
Apr. 3	52		

02310700 Homosassa River at Homosassa, Fla.

LOCATION.--Lat 28°47'06", long 82°37'05", in NE quarter sec.31, T.19 S., R.17 E., Citrus County, near left bank on private pier, 0.3 mile (0.5 km) northwest of Homosassa, 0.4 mile (0.6 km) upstream from Otter Creek, and 5.3 miles (8.5 km) upstream from mouth.

PERIOD OF RECORD.--January 1964 to September 1965 (gage heights and discharge measurements only); October 1965 to September 1969 (discharge measurements and maximum and minimum gage heights only); October 1969 to current year (maximum and minimum gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level. Prior to Dec. 18, 1967, deflection-meter recorder at present site.

EXTREMES.--Current year: Maximum gage height, 12.97 ft (3.953 m) June 24; minimum, 9.00 ft (2.743 m) Feb. 27.
Period of record: Maximum discharge measured, 780 cfs (22.1 cu m/s) Oct. 8, 1965; maximum gage height, 14.84 ft (4.523 m) Sept. 10, 1964; minimum discharge measured, 149 cfs (4.22 cu m/s) Apr. 12, 1967; minimum gage height, 8.27 ft (2.521 m) Sept. 9, 1965.

REMARKS.--Tide affected. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.67	12.10	10.43	11.10	11.40	11.01	11.58	11.13	10.73	11.50	11.90	11.59
2	11.54	11.22	10.87	11.10	11.80	10.30	11.74	11.14	10.72	11.62	11.69	11.55
3	11.24	11.14	10.99	11.30	11.70	11.18	11.50	11.38	10.70	11.73	11.50	11.71
4	11.06	11.05	11.48	10.80	11.90	11.18	11.91	11.49	10.70	11.65	11.70	11.69
5	11.08	11.49	11.99	11.30	11.50	11.30	12.13	11.77	11.65	11.61	11.62	11.72
6	10.84	11.55	12.20	11.30	11.40	11.37	10.70	12.08	11.75	11.62	11.47	12.06
7	10.95	10.95	10.98	11.70	11.90	11.27	10.93	11.60	11.84	11.55	11.33	11.86
8	11.02	11.33	10.61	11.80	12.00	11.09	11.69	11.60	11.76	11.35	11.26	11.74
9	11.29	11.69	11.17	11.50	11.70	11.10	11.65	11.63	11.67	11.33	11.38	11.46
10	11.19	11.70	11.54	11.60	11.60	11.17	10.72	11.54	11.58	11.24	11.42	11.33
11	10.98	10.08	11.51	11.60	10.98	11.19	11.02	12.10	11.66	11.52	11.46	11.35
12	11.14	10.40	11.07	11.30	11.04	11.55	11.56	12.57	11.39	11.63	11.34	11.40
13	11.37	11.37	11.46	11.40	11.24	11.45	11.72	11.16	11.37	10.90	11.39	11.71
14	11.68	11.78	12.03	11.20	11.42	10.66	11.52	11.15	11.49	11.13	11.65	11.68
15	11.77	11.93	11.61	11.10	11.41	11.04	11.20	11.12	11.55	11.33	11.79	11.63
16	12.05	12.09	11.79	11.10	11.48	11.04	11.27	11.06	11.77	11.63	11.81	11.54
17	12.20	11.14	10.52	11.10	12.08	11.71	10.81	11.26	11.68	11.57	11.83	11.49
18	10.77	11.20	10.38	11.40	10.92	10.70	10.64	11.35	11.56	11.55	12.00	11.86
19	10.28	11.63	11.08	11.20	12.36	10.82	11.02	11.51	11.70	11.62	11.82	11.90
20	10.23	11.62	11.20	10.20	12.60	11.20	11.01	11.62	11.64	11.70	11.64	11.76
21	10.47	11.78	12.45	11.70	11.40	11.50	11.23	11.64	11.73	11.84	11.51	11.61
22	10.80	11.92	10.61	11.50	11.83	11.61	11.79	12.09	11.85	11.57	11.43	11.68
23	10.68	11.66	10.47	11.40	10.75	11.95	11.86	12.43	12.09	11.29	11.43	11.40
24	10.93	11.47	10.91	11.30	10.96	12.06	11.62	12.16	12.97	11.29	11.26	11.01
25	11.34	11.98	11.00	11.30	10.86	11.57	10.76	11.88	12.60	11.31	11.58	11.32
26	11.73	12.26	11.50	11.20	9.64	11.22	11.19	12.02	11.96	11.25	11.46	11.66
27	11.86	12.20	11.60	11.20	10.01	11.39	11.25	12.09	11.91	11.56	11.43	12.29
28	12.11	12.32	11.10	10.60	10.66	11.62	11.36	10.85	11.73	11.71	11.51	12.02
29	12.46	12.08	11.10	11.40	------	12.26	10.99	10.76	11.50	11.58	11.63	12.03
30	11.77	10.07	11.20	11.50	------	11.97	11.27	10.71	11.41	11.48	11.60	11.82
31	11.66	------	11.40	11.40	------	12.41	------	10.72	------	11.52	11.69	------
MEAN	11.30	11.51	11.23	11.28	11.38	11.35	11.32	11.54	11.62	11.49	11.57	11.66
MAX	12.46	12.32	12.45	11.80	12.60	12.41	12.13	12.57	12.97	11.84	12.00	12.29
MIN	10.23	10.07	10.38	10.20	9.64	10.30	10.64	10.71	10.70	10.90	11.26	11.01

CAL YR 1973 MEAN 11.47 MAX 13.09 MIN 10.07
WTR YR 1974 MEAN 11.44 MAX 12.97 MIN 9.64

10J COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER

02310700 Homosassa River at Homosassa, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.00	11.00	9.58	10.40	10.70	9.86	10.62	10.40	10.69	10.50	10.86	10.84
2	10.83	10.58	9.96	10.70	10.80	10.01	10.85	10.41	10.69	10.57	10.86	10.71
3	10.50	10.40	10.20	10.70	11.00	10.03	10.68	10.64	10.69	10.74	10.75	11.05
4	10.38	10.52	10.54	10.50	10.80	10.10	11.18	10.63	10.69	10.83	10.75	11.14
5	10.35	10.88	11.20	10.60	10.80	10.30	11.58	10.65	10.54	10.71	10.92	11.18
6	10.27	10.27	11.67	10.60	10.70	10.44	10.61	11.02	10.77	10.73	11.00	11.41
7	10.20	10.20	10.73	10.80	11.20	10.40	9.67	10.85	10.82	10.76	10.70	11.51
8	10.32	10.61	9.86	10.80	11.30	10.30	10.26	10.61	10.94	10.68	10.76	11.21
9	10.47	10.99	10.07	10.80	11.00	10.30	11.01	10.69	10.81	10.63	10.76	10.85
10	10.56	11.17	10.20	10.80	10.9[illegible]	10.34	10.00	10.60	10.82	10.69	10.68	10.55
11	10.36	9.43	10.57	10.90	10.30	10.30	9.76	10.64	10.80	10.83	10.71	10.51
12	10.43	9.79	10.10	10.80	10.[illegible]4	10.32	10.04	11.49	10.89	11.02	10.50	10.51
13	10.60	10.60	10.00	10.70	10.24	10.69	10.64	11.12	10.71	10.54	10.50	10.74
14	11.00	11.02	10.69	10.50	10.37	10.00	10.70	10.37	10.74	10.15	10.56	10.95
15	11.07	11.20	10.91	10.40	10.42	9.71	10.60	10.44	10.72	10.37	10.80	10.88
16	11.38	11.51	11.08	10.40	10.42	10.16	10.44	10.47	10.92	10.50	10.91	10.84
17	11.54	11.12	10.29	10.40	10.46	10.33	10.12	10.45	10.72	10.73	10.96	10.92
18	10.62	10.54	9.83	10.70	10.00	9.84	9.97	10.49	10.77	10.55	11.13	11.24
19	9.74	10.80	9.69	10.50	10.95	10.00	10.08	10.55	10.59	10.60	11.31	11.22
20	9.74	10.96	10.37	10.50	10.94	10.47	10.36	10.58	10.59	10.79	11.08	11.10
21	9.92	11.10	10.79	10.90	10.57	10.61	10.24	10.69	10.69	10.93	10.94	11.03
22	10.22	11.00	9.77	10.80	10.78	10.75	10.34	10.77	10.83	11.06	10.76	10.88
23	10.00	11.16	9.76	10.70	10.31	10.28	10.94	11.14	11.10	10.71	10.68	10.94
24	10.34	10.68	10.01	10.60	10.20	11.35	10.76	11.44	11.31	10.60	10.47	10.25
25	10.56	11.00	10.70	10.60	10.20	10.80	9.95	11.00	11.96	10.59	10.84	10.27
26	11.01	11.44	10.80	10.50	9.24	10.35	9.82	11.00	11.53	10.44	10.65	11.07
27	11.21	11.55	10.90	10.50	9.00	10.26	10.23	11.40	11.20	10.53	10.71	11.37
28	11.39	11.41	10.70	10.90	9.51	10.45	10.20	10.85	11.08	10.77	10.64	11.51
29	11.69	11.79	10.40	10.70	------	10.76	10.40	10.69	10.83	10.90	10.84	11.44
30	11.00	10.07	10.50	10.80	------	11.38	10.42	10.68	10.61	10.65	10.90	11.20
31	11.00	------	10.70	10.70	------	11.00	------	10.68	------	10.67	10.82	------
MEAN	10.64	10.83	10.41	10.65	10.47	10.38	10.42	10.76	10.87	10.67	10.80	10.98
MAX	11.69	11.79	11.67	10.90	11.30	11.38	11.58	11.49	11.96	11.06	11.31	11.51
MIN	9.74	9.43	9.58	10.40	9.00	9.71	9.67	10.37	10.54	10.15	10.47	10.25

CAL YR 1973 MEAN 10.65 MAX 12.12 MIN 9.34
WTR YR 1974 MEAN 10.66 MAX 11.96 MIN 9.00

02310750 Crystal River near Crystal River, Fla.

LOCATION.--Lat 28°54'17", long 82°38'13", in SE quarter sec.13, T.18 S., R.16 E., Citrus County, at left bank, 0.1 mile (0.2 km) upstream from Salt River, 2.7 miles (4.3 km) west of town of Crystal River, and 4.0 miles (6.4 km) upstream from mouth.

PERIOD OF RECORD.--February 1964 to current year.

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 10.00 ft (3.048 m) below mean sea level (Citrus County bench mark).

AVERAGE DISCHARGE.--10 years, 910 cfs (25.8 cu m/s), 659,300 acre-ft/yr (813 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 3,190 cfs (90.3 cu m/s) May 13; maximum gage height, 13.26 ft (4.042 m) May 12; maximum daily reverse flow, 810 cfs (22.9 cu m/s) Dec 15; minimum gage height, 8.11 ft (2.472 m) Nov. 11, Feb. 27.
Period of record: Maximum daily discharge, 4,340 cfs (123 cu m/s) Sept. 11, 1964; maximum gage height, 15.48 ft (4.718 m) Sept. 10, 1964 (from hurricane tide); maximum daily reverse flow, 1,520 cfs (43.0 cu m/s) Sept. 10, 1964; minimum gage height, 7.28 ft (2.219 m) Sept. 9, 1965.

REMARKS.--Records poor. Flow affected by tide. Aquatic growth accumulated around the deflection meter and partially restricted its movement on many days. Discharge computed from continuous velocity record obtained from recording deflection meter. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred; on those days the daily extremes are used.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	369	2,040	100	262	831	1,120	822	2,210	2,200	1,170	1,080	1,120
2	445	960	839	834	449	826	2,050	2,470	2,210	403	959	475
3	1,140	1,560	587	527	1,190	753	1,400	2,370	1,840	568	300	951
4	1,260	1,070	76	-13	2,670	1,060	1,850	2,270	1,630	674	-290	1,190
5	1,240	1,340	832	899	994	1,350	2,330	1,990	1,030	565	-8.0	1,040
6	1,240	1,860	804	679	546	1,740	2,410	2,170	770	1,180	306	975
7	1,390	1,110	651	537	1,190	1,840	1,410	1,980	1,010	754	325	397
8	1,890	1,110	522	849	2,200	1,860	1,210	1,710	1,220	981	354	555
9	1,640	702	752	1,150	1,990	1,900	2,190	1,940	1,050	619	444	610
10	2,110	2,900	353	631	1,690	1,530	2,080	1,960	1,180	283	535	857
11	1,770	1,130	1,220	551	1,960	1,540	1,680	1,610	1,400	820	672	1,120
12	1,850	1,380	814	1,510	381	1,350	1,590	2,200	1,500	1,170	371	1,040
13	2,070	223	-40	1,030	867	2,010	1,780	3,190	1,400	1,140	848	454
14	2,220	619	-173	1,220	671	2,170	1,990	2,310	1,750	758	1,380	597
15	2,590	-123	-810	741	1,020	1,340	1,320	1,840	2,170	1,310	1,010	738
16	2,170	554	-165	1,040	-77	1,270	1,720	2,450	1,280	1,640	491	600
17	1,880	622	1,530	665	1,950	2,610	1,430	2,540	2,010	1,460	652	627
18	880	388	934	1,280	931	1,450	2,200	1,920	1,670	724	1,060	562
19	1,040	1,000	284	1,840	959	1,590	2,010	1,790	1,290	777	832	198
20	543	784	444	1,640	2,720	2,240	2,380	810	823	996	735	146
21	457	735	3,030	1,630	1,430	1,990	1,800	940	938	1,360	649	523
22	274	222	1,180	430	2,010	2,720	1,530	637	822	854	744	290
23	763	650	1,230	299	2,180	1,800	1,950	975	1,380	257	1,150	712
24	562	851	876	587	1,480	2,230	1,910	2,000	1,860	940	430	446
25	1,180	602	715	255	1,550	1,950	2,550	1,550	1,660	894	809	397
26	1,550	174	685	591	1,670	2,060	1,680	1,490	1,970	967	317	463
27	1,310	393	974	809	1,300	1,710	1,930	2,300	929	1,090	659	466
28	1,690	-149	1,260	796	1,220	1,390	1,580	2,110	1,060	753	578	1,290
29	1,960	1,630	1,350	1,430	------	1,300	1,450	1,560	1,580	150	1,060	1,720
30	724	-5.0	861	1,110	------	1,210	1,980	1,920	1,820	770	1,420	1,360
31	908	------	508	783	------	3,030	------	2,010	------	1,030	1,020	------
TOTAL	41,115	26,332.0	22,223	26,592	37,972	52,939	54,212	59,222	43,452	27,057	20,892.0	21,919
MEAN	1,326	878	717	858	1,356	1,708	1,807	1,910	1,448	873	674	731
MAX	2,590	2,900	3,030	1,840	2,720	3,030	2,550	3,190	2,210	1,640	1,420	1,720
MIN	274	-149	-810	-13	-77	753	822	637	770	150	-290	146

CAL YR 1973 TOTAL 325,926.00 MEAN 893 MAX 3,030 MIN -810
WTR YR 1974 TOTAL 433,927.00 MEAN 1,189 MAX 3,190 MIN -810

02310750 Crystal River near Crystal River, Fla.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.24	12.42	11.08	11.44	11.84	11.61	12.14	11.37	12.19	12.08	12.50	12.14
2	12.08	11.43	11.37	11.45	12.28	11.64	11.70	11.60	12.36	12.23	12.43	12.29
3	11.71	11.37	11.86	11.69	11.63	11.61	11.94	11.91	12.18	12.47	12.05	12.42
4	11.58	11.72	12.65	11.75	12.56	11.14	12.49	12.02	12.09	12.44	12.22	12.27
5	11.55	11.97	12.65	10.98	10.30	11.89	12.56	12.53	12.27	12.42	12.16	12.27
6	11.31	10.74	10.95	11.82	11.93	12.01	11.44	12.56	12.25	12.39	11.84	12.48
7	11.56	11.68	10.09	12.28	12.75	11.88	11.79	12.17	12.37	12.31	11.81	12.23
8	11.57	11.96	10.94	12.45	12.82	11.65	12.59	12.33	12.23	11.99	11.63	12.21
9	11.88	12.38	11.76	12.24	11.74	11.65	12.13	12.35	12.04	11.85	11.82	12.03
10	11.81	12.25	12.32	12.32	11.03	11.75	11.32	12.22	11.98	11.83	11.94	11.79
11	11.65	10.38	12.11	12.31	11.60	11.82	11.80	12.86	11.92	12.14	11.90	11.97
12	11.71	11.12	11.73	11.77	11.66	12.20	12.08	13.26	11.62	12.14	11.81	12.09
13	12.05	12.13	12.27	11.15	11.81	12.11	12.16	11.44	11.66	11.18	11.82	12.51
14	12.23	12.53	12.73	11.73	11.85	11.11	11.70	11.34	11.87	11.78	12.29	12.44
15	12.28	12.61	12.04	11.61	11.63	11.49	11.40	11.44	11.87	11.99	12.53	12.31
16	12.74	12.65	11.92	11.44	11.95	11.91	10.97	11.60	12.22	12.35	12.56	12.30
17	12.67	11.42	10.70	11.51	12.60	10.75	11.14	11.76	12.35	12.37	12.56	12.35
18	11.00	12.08	10.79	10.62	11.14	10.50	11.19	11.88	12.23	12.40	12.75	12.43
19	10.91	12.07	10.40	11.63	13.00	11.27	11.65	12.20	12.48	12.54	12.33	12.48
20	10.82	11.86	11.85	11.57	12.98	11.67	11.60	12.43	12.49	12.61	12.10	12.27
21	11.06	12.38	12.96	12.41	11.70	11.97	11.92	12.39	12.62	12.65	11.91	12.05
22	11.23	12.44	10.40	12.02	12.43	12.09	12.63	12.90	12.76	12.21	11.94	12.17
23	11.25	12.14	10.94	11.95	11.28	12.71	12.59	13.19	12.79	11.87	11.95	11.55
24	11.43	12.05	11.52	11.89	11.48	12.21	12.37	12.72	12.94	11.72	11.75	11.44
25	11.87	12.74	12.02	11.91	11.41	12.12	11.44	12.50	12.75	11.91	12.00	11.80
26	12.36	12.90	12.06	11.79	10.22	11.80	12.06	12.59	12.07	11.87	11.80	12.21
27	12.56	12.79	12.04	11.73	10.92	12.06	11.95	12.57	12.38	12.05	11.73	12.91
28	12.77	13.05	11.39	12.21	11.44	12.30	12.03	11.64	12.15	12.00	11.98	12.44
29	12.95	11.80	11.42	11.82	------	12.81	11.70	11.58	11.92	11.94	12.17	12.44
30	12.09	10.50	11.65	12.02	------	12.77	11.55	11.90	11.89	12.08	12.16	12.19
31	12.13	------	11.80	11.74	------	11.81	------	11.96	------	12.22	12.22	------
MEAN	11.84	11.99	11.63	11.78	11.78	11.82	11.87	12.17	12.23	12.13	12.09	12.22
MAX	12.95	13.05	12.96	12.45	13.00	12.81	12.63	13.26	12.94	12.65	12.75	12.91
MIN	10.82	10.38	10.09	10.62	10.22	10.50	10.97	11.34	11.62	11.18	11.63	11.44

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.70	9.50	8.98	9.44	9.13	8.76	9.30	9.33	9.46	9.33	9.84	9.61
2	9.65	9.51	9.34	9.11	9.00	8.80	9.63	9.37	9.44	9.37	9.60	9.55
3	9.42	9.24	9.77	8.72	9.41	8.71	9.56	9.48	9.26	9.47	9.49	9.84
4	9.31	9.59	10.04	8.88	9.14	8.69	10.06	9.36	9.94	9.39	9.73	9.87
5	9.23	10.20	10.51	8.73	8.22	8.92	10.00	9.74	9.12	9.96	9.56	10.03
6	9.26	9.32	9.59	8.77	9.20	9.03	9.12	10.90	9.45	9.58	9.74	9.95
7	9.32	9.18	8.40	9.00	9.75	9.07	8.60	9.47	9.35	9.55	9.49	10.07
8	9.45	9.37	8.65	8.98	10.13	9.04	9.28	9.17	9.48	9.58	9.56	9.85
9	9.75	9.49	8.73	9.02	9.15	9.07	10.06	9.28	9.35	9.46	9.60	9.50
10	9.39	8.83	8.96	9.20	8.66	9.15	9.13	9.29	9.40	9.63	9.60	9.27
11	9.14	8.11	8.62	9.41	8.90	9.07	8.53	9.41	9.52	10.02	9.34	9.23
12	9.17	8.50	8.74	9.13	9.12	9.11	8.91	10.66	9.76	9.85	9.13	9.56
13	9.39	9.23	9.45	8.78	9.21	9.64	9.51	9.64	9.71	9.26	9.30	9.69
14	9.51	9.55	9.69	8.83	9.38	8.85	9.59	9.14	9.70	9.38	9.24	9.70
15	9.51	9.94	9.72	9.21	9.41	8.45	9.60	9.46	9.62	9.34	9.47	9.72
16	9.71	9.92	10.25	9.06	9.26	9.14	9.44	9.64	9.49	9.41	9.51	9.56
17	9.52	9.51	9.46	8.95	9.31	9.15	9.07	9.36	9.45	9.24	9.68	9.64
18	8.85	9.77	8.75	8.74	8.78	8.59	8.85	9.32	9.25	9.23	10.02	9.78
19	8.53	10.14	8.48	8.57	9.76	8.99	9.20	9.35	10.02	9.44	9.94	9.75
20	9.00	9.65	9.16	8.78	9.60	9.43	9.05	9.34	9.21	9.94	9.76	9.78
21	9.21	9.76	9.89	9.35	9.21	9.87	9.58	9.37	9.32	9.60	9.51	9.67
22	9.40	9.60	8.18	8.98	10.33	9.02	9.08	10.39	9.40	9.92	9.46	9.92
23	9.22	9.21	8.41	8.98	8.86	9.98	9.62	9.67	9.89	9.51	9.45	9.39
24	9.21	9.23	8.70	8.97	9.15	9.34	9.46	9.92	10.14	9.56	9.45	9.41
25	9.37	9.82	9.08	9.10	8.99	9.85	8.93	9.60	10.81	9.59	9.62	9.66
26	9.48	9.86	9.40	9.27	8.33	9.18	8.44	9.55	10.15	9.66	9.47	10.00
27	9.57	9.82	9.44	9.27	8.11	8.92	8.98	10.25	10.02	9.75	9.32	10.57
28	9.69	10.35	8.77	9.52	8.54	9.15	8.88	9.47	9.67	9.62	9.55	10.15
29	9.82	8.59	9.02	9.42	------	9.47	9.20	9.50	9.38	9.35	9.65	10.26
30	9.52	8.53	9.19	9.52	------	10.07	9.24	9.70	9.17	9.43	9.55	9.64
31	9.61	------	9.57	9.54	------	10.29	------	9.49	------	9.51	9.60	------
MEAN	9.38	9.44	9.19	9.07	9.14	9.19	9.26	9.60	9.60	9.55	9.56	9.75
MAX	9.82	10.35	10.51	9.54	10.33	10.29	10.06	10.90	10.81	10.02	10.02	10.57
MIN	8.53	8.11	8.18	8.57	8.11	8.45	8.44	9.14	9.12	9.23	9.13	9.23

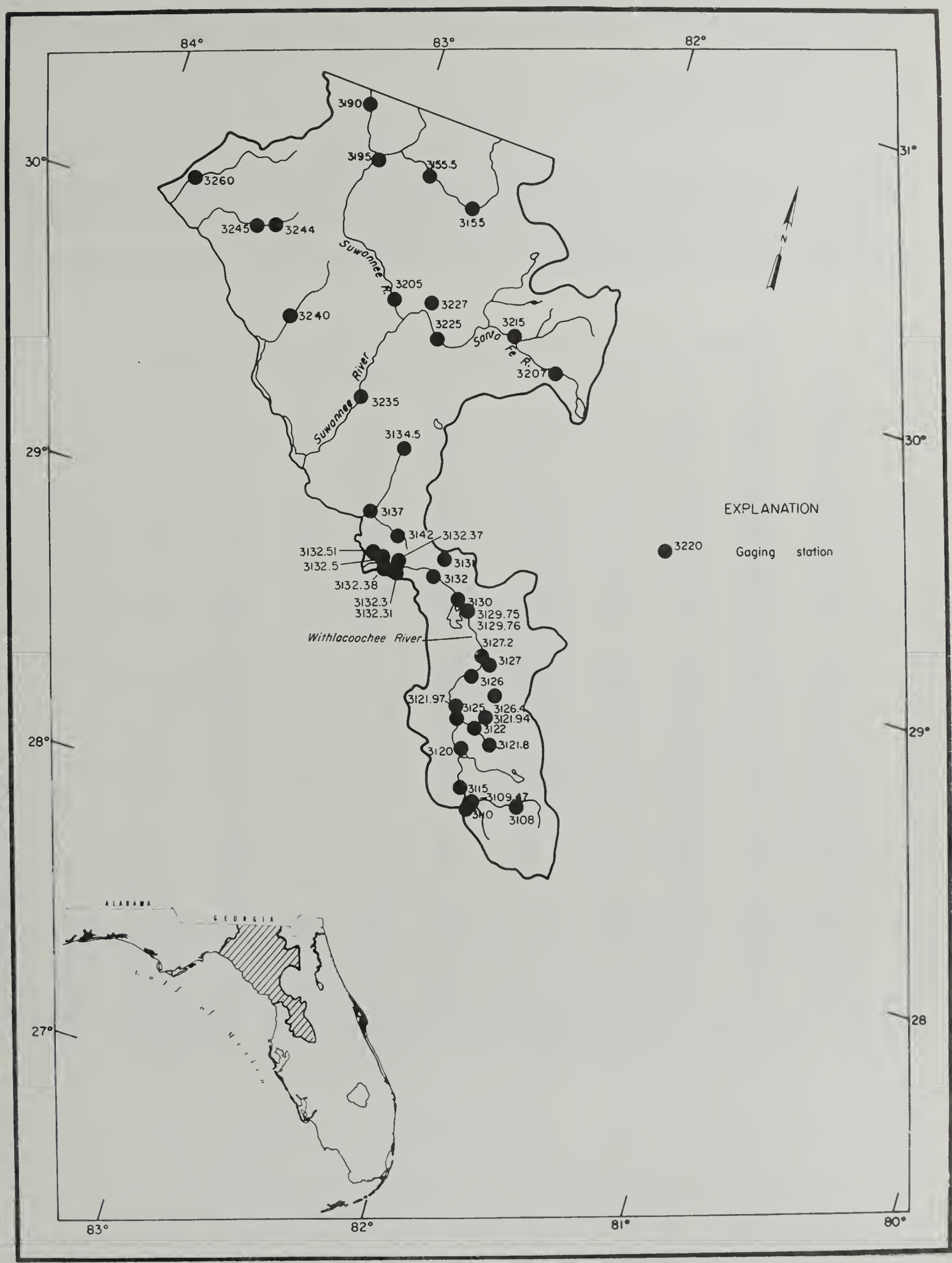

Figure 4. Location of gaging stations in Withlacoochee River basin, Coastal area between Withlacoochee River and Suwannee River, Suwannee River basin, and Coastal area between Suwannee River and Aucilla River.

02310800 Withlacoochee River near Eva, Fla.

LOCATION.--Lat 28°21'38", long 81°49'08", in NW quarter sec.33, T.24 S., R.25 E., Polk County, near center of span on upstream side of bridge on State Highway 33, 2.5 mi (4.0 km) north of Eva, 6.5 mi (10.5 km) upstream from small tributary, and 138 mi (222 km) upstream from mouth.

DRAINAGE AREA.--130 sq mi (337 sq km), approximately.

PERIOD OF RECORD.--July 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 104.90 ft (31.974 m) above mean sea level.

AVERAGE DISCHARGE.--16 years, 63.4 cfs (1.795 cu m/s), 6.62 in/yr (168 mm/yr), 45,930 acre-ft/yr (56.6 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 567 cfs (16.1 cu m/s) July 7 (gage height, 5.99 ft or 1.826 m); no flow Apr. 11 to May 16, June 7-10; minimum gage height, 1.99 ft (0.607 m) May 5, 6.
Period of record: Maximum discharge, 2,160 cfs (61.2 cu m/s) Mar. 17, 1960 (gage height, 6.90 ft or 2.103 m); no flow for many days in some years; minimum gage height, 1.65 ft (0.503 m) May 12, 1968.

REMARKS.--Records fair except those above 100 cfs, which are poor. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	6.5	1.0	25	3.5	.91	.52	0	.07	212	98	36
2	66	7.8	.97	23	3.3	.83	.43	0	.12	245	96	33
3	65	7.7	.90	21	3.0	.78	.36	0	.11	255	96	31
4	61	7.5	.84	19	2.8	.72	.28	0	.10	276	91	30
5	57	7.1	.78	32	2.5	.65	.25	0	.10	358	85	38
6	53	6.4	.78	34	2.3	.59	.22	0	.04	556	84	49
7	48	5.7	.81	36	2.1	.54	.16	0	0	556	78	58
8	45	4.9	1.3	34	2.4	.48	.12	0	0	512	72	75
9	43	4.2	1.7	32	3.3	.44	.09	0	0	445	65	123
10	40	3.6	1.5	30	2.8	.39	.04	0	0	358	60	288
11	37	3.1	1.4	27	2.4	.33	0	0	.45	288	58	288
12	33	2.7	1.3	24	2.1	.28	0	0	.53	220	59	265
13	30	2.4	1.2	22	1.9	.24	0	0	.34	176	57	225
14	27	2.1	1.3	20	1.7	.19	0	0	.19	138	51	196
15	24	1.9	1.6	18	1.6	.15	0	0	.39	112	46	166
16	21	1.7	1.9	16	1.5	.13	0	0	.75	92	42	138
17	18	1.5	2.0	14	1.4	.11	0	.13	.59	78	40	120
18	15	1.4	1.9	13	1.2	.07	0	.86	.41	71	41	104
19	12	2.5	1.8	11	1.2	.04	0	.67	.36	66	40	92
20	9.8	2.5	2.8	10	2.2	.03	0	.47	.48	61	41	83
21	8.0	2.5	6.5	9.1	2.0	.01	0	.30	1.1	56	42	75
22	6.8	2.4	6.5	8.2	1.8	.46	0	.20	3.9	51	52	70
23	5.7	2.3	6.3	7.5	1.6	1.7	0	.20	3.1	46	50	64
24	4.8	2.2	5.9	6.9	1.5	2.0	0	.40	5.0	45	47	61
25	4.0	2.0	5.6	6.3	1.3	2.0	0	.79	26	57	44	59
26	3.4	1.9	5.4	5.8	1.1	1.5	0	.54	36	63	42	56
27	2.9	1.7	12	5.2	1.0	1.2	0	.44	100	66	41	55
28	2.5	1.5	30	4.7	.96	.98	0	.44	145	74	40	57
29	2.3	1.3	30	4.3	------	.82	0	.30	159	96	40	59
30	2.0	1.1	29	4.0	------	.78	0	.22	173	102	39	58
31	1.8	------	27	3.8	------	.64	------	.13	------	100	38	------
TOTAL	816.0	102.1	191.98	526.8	56.46	19.99	2.47	6.09	657.13	5,831	1,775	3,052
MEAN	26.3	3.40	6.19	17.0	2.02	.64	.082	.20	21.9	188	57.3	102
MAX	67	7.8	30	36	3.5	2.0	.52	.86	173	556	98	288
MIN	1.8	1.1	.78	3.8	.96	.01	0	0	0	45	38	30
CFSM	.20	.03	.05	.13	.02	.005	.0006	.002	.17	1.45	.44	.78
IN.	.23	.03	.05	.15	.02	.005	0	.001	.19	1.67	.51	.87
AC-FT	1,620	203	381	1,040	112	40	4.9	12	1,300	11,570	3,520	6,050

CAL YR 1973 TOTAL 7,408.95 MEAN 20.3 MAX 82 MIN 0 CFSM .16 IN 2.12 AC-FT 14,700
WTR YR 1974 TOTAL 13,037.02 MEAN 35.7 MAX 556 MIN 0 CFSM .27 " AC-FT 25,860

02310947 Withlacoochee River near Cumpressco, Fla.

LOCATION.--Lat 28°18'42", long 82°03'22", in NE quarter sec.13, T.25 S., R.22 E., Pasco County, near center of span on downstream side of bridge on State Highway 471, 0.6 mi (1.0 km) upstream from Gator Creek, 3.4 mi (5.5 km) south of Cumpressco, 5.8 mi (9.3 km) east of Richland, and 120 mi (193 km) upstream from mouth.

DRAINAGE AREA.--280 sq mi (720 sq km), approximately.

PERIOD OF RECORD.--January 1967 to current year. Miscellaneous discharge measurements for some periods prior to January 1967.

GAGE.--Water-stage recorder. Datum of gage is 80.00 ft (24.384 m) above mean sea level (Florida Department of Transporation bench mark).

AVERAGE DISCHARGE.--7 years, 171 cfs (4.843 cu m/s), 123,900 acre-ft/yr (153 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 1,120 cfs (31.7 cu m/s) July 6 (gage height, 6.31 ft or 1.923 m); no flow Apr. 26 to May 16, June 8-10; minimum gage height, -0.50 ft (-0.152 m) May 15.
Period of record: Maximum discharge, 1,430 cfs (40.5 cu m/s) Aug. 19, 1969 (gage height, 7.17 ft or 2.185 m); no flow for many days in most years; minimum gage height, -0.50 ft (-0.152 m) May 15, 1974.

REMARKS.--Records good. Records are for flow of main channel only, which normally includes all the flow. Some interconnection with Gator Creek and some diversions to the north probably exist during periods of extreme high water.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	334	30	12	115	33	8.0	6.1	0	.09	881	451	226
2	312	36	12	110	31	7.5	4.7	0	.09	962	448	193
3	298	40	11	110	29	7.0	3.7	0	.08	1,030	421	161
4	279	41	10	140	27	6.6	2.9	0	.07	1,060	391	136
5	260	39	9.9	150	25	6.2	2.3	0	.05	1,070	367	149
6	240	34	9.6	140	23	5.8	1.8	0	.04	1,110	405	193
7	220	31	10	130	21	5.3	1.3	0	.02	1,100	418	187
8	203	28	20	120	21	4.9	.93	0	0	1,070	380	199
9	197	26	25	110	21	4.6	.69	0	0	996	349	224
10	185	24	29	100	19	4.2	.49	0	0	926	334	282
11	167	23	30	90	18	3.7	.36	0	.07	878	344	336
12	149	21	27	95	16	3.3	.28	0	.07	823	331	510
13	132	20	24	100	15	2.9	.22	0	.05	765	324	691
14	120	18	22	95	14	2.4	.47	0	.01	706	298	800
15	106	17	21	90	13	2.0	.26	0	.19	626	277	896
16	94	16	25	85	13	1.7	.22	0	2.8	540	263	846
17	85	15	28	80	12	1.4	.18	.20	5.7	459	251	784
18	78	15	27	75	11	1.1	.10	3.3	2.3	394	246	718
19	72	21	27	70	11	.92	.07	2.4	1.1	339	240	661
20	65	23	32	66	14	.77	.05	.98	.67	288	242	601
21	59	25	45	62	13	.61	.04	.46	.42	244	260	537
22	53	25	52	59	13	2.7	.02	.30	.26	213	302	473
23	47	23	58	56	14	8.3	.02	.30	.22	191	298	411
24	42	21	57	52	13	12	.03	.38	2.9	189	279	359
25	37	18	55	49	12	16	.01	.30	60	279	275	331
26	33	16	53	46	10	22	0	.22	64	288	302	291
27	30	15	66	43	9.3	22	0	.34	235	286	321	279
28	27	14	101	40	8.5	18	0	.46	391	331	329	298
29	24	14	122	37	------	14	0	.34	632	462	321	288
30	22	13	129	36	------	10	0	.26	800	487	295	249
31	19	------	123	34	------	8.0	------	.18	------	462	263	------
TOTAL	3,989	702	1,272.5	2,585	479.8	213.90	27.24	10.42	2,199.20	19,455	10,025	12,309
MEAN	129	23.4	41.0	83.4	17.1	6.90	.91	.34	73.3	628	323	410
MAX	334	41	129	150	33	22	6.1	3.3	800	1,110	451	896
MIN	19	13	9.6	34	8.5	.61	0	0	0	189	240	136
AC-FT	7,910	1,390	2,520	5,130	952	424	54	21	4,360	38,590	19,880	24,410

CAL YR 1973 TOTAL 59,553.90 MEAN 163 MAX 790 MIN 1.2 AC-FT 118,100
WTR YR 1974 TOTAL 53,268.06 MEAN 146 MAX 1,110 MIN 0 AC-FT 105,700

02311000 Withlacoochee-Hillsborough overflow near Richland, Fla.

LOCATION.--Lat 28°16'16", long 82°05'53", in NW quarter sec.34, T.25 S., R.22 E., Pasco County, near left bank at downstream side of bridge on U. S. Highway 98, 0.6 mile (1.0 km) south of channel of Withlacoochee River, 2.9 miles (4.7 km) east of Richland, 8.5 miles (13.7 km) southeast of Dade City, and 55 miles (88 km) upstream from mouth.

PERIOD OF RECORD.--February 1930 to September 1931; September 1950, July 1958 to March 1960 (discharge measurements only); April 1960 to current year. Published as supplement to Hillsborough River near Zephyrhills (station No. 02303000) July 1958 to September 1959.

GAGE.--Water-stage recorder. Datum of gage is 75.42 ft (22.988 m) above mean sea level (Florida Department of Transportation bench mark). Prior to July 17, 1958, nonrecording gage at site about 1 mile (1.6 km) downstream at different datum; July 17, 1958 to Apr. 24, 1960, reference point at present site at gage height 15.00 ft (4.572 m).

AVERAGE DISCHARGE.--15 years (1930-31, 1960-74), 23.8 cfs (0.67 cu m/s), 17,240 acre-ft/yr (21.3 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 322 cfs (9.12 cu m/s) July 7 (gage height, 4.75 ft, 1.448 m); no flow for many days; minimum gage height, 0.50 ft (0.152 m) May 5, 6.
Period of record: Maximum discharge, 1,880 cfs (53.2 cu m/s) Mar. 19, 1960 (gage height, 6.87 ft, 2.094 m, from crest-stage gage); no flow for many days each year; minimum gage height, 0.37 ft (0.110 m), estimated, June 10, 1972.

REMARKS.--Records fair. Flow is uncontrolled natural diversion from the Withlacoochee River basin to the Hillsborough River basin.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6		0	.81					0	144	25	1.1
2	6.6		0	.75					0	179	25	.36
3	4.9		0	.56					0	212	23	.06
4	3.8		0	.52					0	246	18	0
5	2.5		0	.50					0	268	13	0
6	1.5		0	.42					0	289	12	.12
7	.90		0	.36					0	310	17	.05
8	.60		0	.22					0	313	17	.04
9	.50		0	.14					0	286	15	.06
10	.30		0	.05					0	251	10	.46
11	.01		0	0					0	219	17	1.9
12	0		0	0					0	185	12	7.4
13	0		0	0					0	150	9.0	32
14	0		0	0					0	116	5.5	65
15	0		0	0					0	85	3.4	113
16	0		0	0					0	53	2.3	128
17	0		0	0					0	33	1.5	113
18	0		0	0					0	18	1.3	94
19	0		0	0					0	9.7	1.1	74
20	0		.18	0					0	4.7	.90	57
21	0		.37	0					0	2.3	1.5	42
22	0		.36	0					0	1.2	3.5	31
23	0		.17	0					0	1.1	4.5	20
24	0		.08	0					0	.55	4.1	13
25	0		0	0					1.5	1.9	2.9	8.3
26	0		0	0					2.4	5.4	2.5	5.2
27	0		.40	0					8.8	6.5	3.3	3.8
28	0		1.0	0					18	7.1	4.0	4.5
29	0		1.4	0	------				50	16	4.0	4.2
30	0		1.2	0	------				100	29	3.3	2.8
31	0	------	.90	0	------		------		------	29	2.1	------
TOTAL	31.21	0	6.06	4.33	0	0	0	0	180.7	3,471.45	264.70	822.35
MEAN	1.01	0	.20	.14	0	0	0	0	6.02	112	8.54	27.4
MAX	9.6	0	1.4	.81	0	0	0	0	100	313	25	128
MIN	0	0	0	0	0	0	0	0	0	.55	.90	0
AC-FT	62	0	12	8.6	0	0	0	0	358	6,890	525	1,630

CAL YR 1973 TOTAL 2,599.17 MEAN 7.12 MAX 140 MIN 0 AC-FT 5,160
WTR YR 1974 TOTAL 4,780.80 MEAN 13.1 MAX 313 MIN 0 AC-FT 9,480

02311000 Withlacoochee-Hillsborough overflow near Richland, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.18	2.67	2.56	2.94	2.72	2.50	2.42	.75	2.19	4.12	3.39	2.96
2	3.13	2.67	2.55	2.94	2.71	2.49	2.38	.69	2.16	4.26	3.39	2.91
3	3.09	2.65	2.53	2.93	2.70	2.47	2.35	.63	2.15	4.38	3.36	2.87
4	3.06	2.64	2.52	2.92	2.69	2.45	2.30	.57	2.15	4.50	3.30	2.84
5	3.02	2.62	2.51	2.92	2.67	2.43	2.27	.53	2.11	4.58	3.24	2.82
6	2.98	2.61	2.51	2.91	2.66	2.41	2.22	.61	2.06	4.65	3.21	2.88
7	2.95	2.59	2.54	2.91	2.65	2.38	2.16	.86	1.99	4.71	3.28	2.87
8	2.93	2.58	2.74	2.89	2.65	2.36	2.11	1.21	1.93	4.72	3.28	2.87
9	2.91	2.56	2.77	2.88	2.65	2.34	2.08	1.18	1.85	4.64	3.26	2.87
10	2.89	2.54	2.76	2.87	2.64	2.31	2.03	1.09	1.80	4.52	3.19	2.91
11	2.86	2.51	2.74	2.86	2.63	2.27	1.97	1.00	1.92	4.41	3.29	3.00
12	2.84	2.49	2.72	2.85	2.61	2.24	1.92	.92	1.88	4.28	3.22	3.13
13	2.82	2.47	2.71	2.85	2.60	2.20	1.86	.88	1.81	4.14	3.17	3.46
14	2.80	2.45	2.75	2.85	2.59	2.16	1.93	.79	1.73	4.00	3.11	3.74
15	2.78	2.43	2.76	2.84	2.58	2.12	1.92	.94	2.34	3.85	3.05	3.98
16	2.76	2.41	2.81	2.83	2.58	2.08	1.89	1.55	2.66	3.66	3.01	4.05
17	2.74	2.40	2.82	2.82	2.58	2.04	1.89	1.78	2.59	3.47	2.98	3.99
18	2.72	2.41	2.82	2.81	2.56	1.99	1.85	2.25	2.53	3.30	2.97	3.89
19	2.70	2.74	2.81	2.80	2.57	1.95	1.78	2.52	2.51	3.18	2.96	3.78
20	2.68	2.71	2.85	2.79	2.62	1.91	1.71	2.51	2.53	3.08	2.95	3.67
21	2.67	2.70	2.91	2.78	2.61	1.88	1.63	2.46	2.50	3.01	2.97	3.55
22	2.66	2.68	2.91	2.77	2.60	2.16	1.56	2.42	2.45	2.96	3.05	3.43
23	2.64	2.67	2.89	2.77	2.60	2.55	1.49	2.43	2.42	2.96	3.08	3.30
24	2.61	2.66	2.87	2.76	2.59	2.63	1.43	2.47	2.61	2.92	3.07	3.21
25	2.59	2.64	2.86	2.75	2.57	2.62	1.33	2.43	2.95	2.99	3.03	3.14
26	2.57	2.63	2.85	2.74	2.54	2.59	1.22	2.39	3.01	3.10	3.02	3.09
27	2.55	2.61	2.90	2.73	2.53	2.56	1.12	2.38	3.16	3.13	3.04	3.05
28	2.53	2.60	2.95	2.72	2.52	2.54	1.01	2.38	3.29	3.14	3.07	3.07
29	2.51	2.60	2.98	2.71	------	2.52	.92	2.33	3.63	3.27	3.07	3.06
30	2.48	2.58	2.96	2.71	------	2.49	.83	2.29	3.93	3.42	3.05	3.03
31	2.46	------	2.95	2.71	------	2.46	------	2.24	------	3.43	3.01	------
MEAN	2.78	2.58	2.77	2.82	2.62	2.33	1.79	1.60	2.43	3.77	3.13	3.25
MAX	3.18	2.74	2.98	2.94	2.72	2.63	2.42	2.52	3.93	4.72	3.39	4.05
MIN	2.46	2.40	2.51	2.71	2.52	1.88	.83	.53	1.73	2.92	2.95	2.82

CAL YR 1973 MEAN 2.67 MAX 4.10 MIN .82
WTR YR 1974 MEAN 2.66 MAX 4.72 MIN .53

02311500 Withlacoochee River near Dade City, Fla.

LOCATION.--Lat 28°21'08", long 82°07'34", in SE quarter sec.32, T.24 S., R.22 E., Pasco County, near left bank on downstream side of Lanier Bridge on River Road, 4 mi (6 km) east of Dade City and 110 mi (177 km) upstream from mouth.

DRAINAGE AREA.--390 sq mi (1,000 sq km), approximately.

PERIOD OF RECORD.--February 1930 to March 1933, July 1958 to October 1962 (discharge measurements), water years 1959-62 (annual maximum), January 1964 to current year (discharge measurements and gage heights only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level. Feb. 11, 1930, to Mar. 31, 1933, and July 21, 1958, to Nov. 19, 1958, nonrecording gage; Nov. 20. 1958. to Oct. 3, 1962, nonrecording gage and crest-stage gage at same site at datum 64.29 ft (19.596 m) higher.

EXTREMES.--Current year: Maximum discharge measured, 1,200 cfs (34.0 cu m/s) July 9; maximum gage height observed, 74.89 ft (22.826 m) July 9; minimum discharge measured, 7.4 cfs (0.21 cu m/s) May 10; minimum gage height observed, 68.68 ft (20.934 m) May 5, 6.
Period of record: Maximum discharge, 5,900 cfs (167 cu m/s) Mar. 21, 1960 (gage height, 78.57 ft or 23.948 m, present datum), from rating curve extended above 3,600 cfs (102 cu m/s); no flow observed in 1962, 1965; minimum gage height observed, 66.40 ft (20.239 m), present datum, May 22, 1962.

REVISIONS.--WRD Fla. 1962: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 16	123	Mar. 26	30	July 9	1,200
Dec. 6	18	May 10	7.4	Aug.29	332
Jan. 22	87				

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73.06	70.50	69.62	71.64	70.46	69.68	69.84	68.82	69.16	73.62	73.16	72.28
2	72.94	70.50	69.88	71.66	70.36	69.62	69.70	68.76	69.12	74.06	73.24	72.18
3	72.86	70.50	69.84	71.68	70.32	69.58	69.62	68.72	69.12	74.20	73.26	72.00
4	72.72	70.49	69.80	71.65	70.26	69.54	69.52	68.70	69.12	74.30	73.25	71.85
5	72.62	70.48	69.76	71.62	70.20	69.50	69.40	68.68	69.12	74.62	73.18	71.76
6	72.46	70.47	69.76	71.58	70.14	69.44	69.38	68.68	69.12	74.76	73.06	71.78
7	72.40	70.46	69.85	71.56	70.08	69.42	69.30	68.80	69.08	74.80	73.08	71.80
8	72.30	70.45	70.10	71.54	70.04	69.40	69.18	69.00	69.08	74.86	73.06	71.82
9	72.30	70.44	70.22	71.48	70.00	69.40	69.16	69.08	69.00	74.86	73.00	71.88
10	72.20	70.38	70.38	71.44	69.96	69.34	69.10	69.06	68.94	74.88	72.94	71.90
11	72.06	70.34	70.34	71.36	69.92	69.30	69.04	68.96	69.20	74.80	73.02	71.96
12	71.96	70.30	70.30	71.26	69.88	69.30	69.00	68.92	69.14	74.62	73.02	72.10
13	71.76	70.26	70.25	71.22	69.88	69.26	68.96	68.90	69.10	74.62	72.92	72.40
14	71.70	70.22	70.28	71.18	69.88	69.26	68.96	68.88	69.08	74.52	72.84	73.26
15	71.62	70.18	70.30	71.15	69.92	69.26	69.08	68.84	69.18	74.04	72.68	73.36
16	71.50	70.09	70.38	71.12	69.94	69.18	69.10	69.42	69.40	73.74	72.60	73.68
17	71.42	70.06	70.44	71.08	69.90	69.14	69.18	69.50	69.66	73.62	72.46	73.90
18	71.34	70.02	70.44	71.08	69.88	69.10	69.20	69.96	69.72	73.38	72.38	73.90
19	71.22	70.06	70.44	71.04	69.88	69.06	69.16	69.92	69.68	73.12	72.30	73.70
20	71.12	70.10	70.40	70.98	70.06	69.02	69.10	69.88	69.60	72.82	72.30	73.70
21	71.06	70.13	70.62	70.94	70.00	69.00	69.06	69.80	69.56	72.64	72.24	73.20
22	70.96	70.15	70.66	70.88	69.98	69.06	69.02	69.68	69.48	72.48	72.40	73.20
23	70.90	70.16	70.70	70.82	69.96	69.80	69.00	69.50	69.52	72.42	72.44	73.28
24	70.82	70.14	70.80	70.78	69.90	69.88	69.00	69.40	69.58	72.40	72.54	73.08
25	70.72	70.14	70.85	70.72	69.84	70.10	69.00	69.36	70.68	72.24	72.48	72.98
26	70.64	70.12	70.90	70.65	69.84	70.18	68.94	69.26	70.78	72.26	72.44	72.88
27	70.56	70.08	70.98	70.60	69.76	70.08	68.90	69.24	71.50	72.42	72.38	72.78
28	70.48	70.04	71.10	70.56	69.72	70.02	68.84	69.28	72.02	72.50	72.38	72.62
29	70.40	70.00	71.40	70.50	------	69.98	68.84	69.30	72.48	72.68	72.40	72.70
30	70.34	69.96	71.50	70.44	------	69.98	68.82	69.30	73.02	72.86	72.40	72.58
31	70.30	------	71.60	70.46	------	69.92	------	69.20	------	73.04	72.28	------
MEAN	71.57	70.24	70.45	71.12	70.00	69.51	69.15	69.19	69.77	73.62	72.71	72.68
MAX	73.06	70.50	71.60	71.68	70.46	70.18	69.84	69.96	73.02	74.88	73.26	73.90
MIN	70.30	69.96	69.62	70.44	69.72	69.00	68.82	68.68	68.94	72.24	72.24	71.76

CAL YR 1973 MEAN 71.34 MAX 74.26 MIN 69.38
WTR YR 1974 MEAN 70.85 MAX 74.89 MIN 68.68

02312000 Withlacoochee River at Trilby, Fla.

LOCATION.--Lat 28°28'47", long 82°10'40", in SE quarter sec.14, T.23 S., R.21 E., Hernando County, on right bank at downstream side of bridge on U.S. Highway 301, 1.6 mi (2.6 km) northeast of Trilby, 10 mi (16 km) upstream from Little Withlacoochee River, and 93 mi (150 km) upstream from mouth.

DRAINAGE AREA.--570 sq mi (1,480 sq km), approximately.

PERIOD OF RECORD.--August 1928 to February 1929, February 1930 to current year.

GAGE.--Water-stage recorder. Datum of gage is 49.27 ft (15.017 m) above mean sea level (Corps of Engineers bench mark). Prior to Oct. 1, 1938, nonrecording gage at site 1.5 mi (2.4 km) downstream at datum 0.12 ft (0.037 m) lower.

AVERAGE DISCHARGE.--44 years (1930-74), 380 cfs (10.76 cu m/s), 275,300 acre-ft/yr (339 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 1,450 cfs (41.1 cu m/s) July 13 (gage height, 10.93 ft or 3.331 m); minimum, 30 cfs (0.85 cu m/s) May 7, 14 (gage height, 1.10 ft or 0.335 m).
Period of record: Maximum discharge, 8,840 cfs (250 cu m/s) June 21, 1934 (gage height, 20.5 ft or 6.25 m), site and datum then in use; minimum, 8.6 cfs (0.24 cu m/s) June 9-17, 1945; minimum gage height, 0.78 ft (0.238 m) Nov. 13, 1972.

REMARKS.--Records good. High-water diversion above station into Hillsborough River basin through Withlacoochee-Hillsborough overflow near Richland (sta 02311000). Records include considerable amount of waste water diverted from ground-water supplies during packing season by Evans and Pasco Packing Companies, in SW quarter sec.23, T.24 S., R.21 E., 5 mi (8 km) upstream from Withlacoochee River.

REVISIONS.--WRD Fla. 1972: Drainage area.

Discharge measurements, in cubic feet per second, of Dade City Canal near Dade City (Evans and Pasco Packing Co. Canals combine to form Dade City Canal), for the water year 1973-74 are given in the table below.

Oct. 15	12	May 10	57
Dec. 6	41	July 5	59
Jan. 22	62	Aug. 30	18
Mar. 26	57		

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	606	96	47	226	144	84	76	36	54	671	502	453
2	584	108	45	230	140	81	61	41	57	725	557	434
3	562	105	43	240	134	78	62	42	62	804	610	416
4	537	98	42	250	123	75	65	42	51	870	647	401
5	510	93	46	259	107	74	65	42	59	964	689	413
6	480	89	49	261	110	71	63	40	62	1,040	741	562
7	460	86	58	256	110	68	59	33	60	1,100	750	684
8	440	81	85	243	107	67	52	38	56	1,150	743	702
9	420	77	104	243	102	66	41	43	53	1,300	740	679
10	409	74	105	245	92	64	44	43	47	1,390	725	668
11	400	71	98	244	77	58	47	43	40	1,420	709	635
12	381	68	94	240	71	47	48	43	42	1,440	690	591
13	358	65	94	236	80	54	50	39	45	1,440	670	550
14	335	62	99	229	85	57	51	31	46	1,420	651	520
15	310	60	108	218	85	56	46	37	48	1,380	632	501
16	285	56	123	212	89	56	36	46	53	1,310	621	492
17	261	54	126	208	88	55	45	55	48	1,230	634	501
18	239	52	121	202	82	50	49	73	35	1,140	675	529
19	219	57	120	196	71	38	49	77	39	1,050	684	564
20	200	58	131	193	93	40	48	68	47	957	662	594
21	184	60	164	187	107	46	47	56	50	874	626	623
22	172	57	181	177	110	82	43	62	50	799	604	647
23	160	55	178	175	112	127	34	68	50	735	605	659
24	149	53	163	174	107	132	39	70	57	690	613	662
25	138	52	146	170	87	115	43	68	162	654	615	666
26	127	50	138	164	74	92	43	64	244	614	598	657
27	116	49	153	157	80	91	43	55	479	569	577	637
28	108	49	188	147	85	93	43	46	624	528	554	614
29	100	50	214	132	------	91	40	54	643	500	528	587
30	93	48	223	136	------	91	32	57	644	486	501	558
31	87	------	227	141	------	86	------	57	------	483	475	------
TOTAL	9,430	2,033	3,713	6,391	2,752	2,285	1,464	1,569	4,007	29,733	19,628	17,199
MEAN	304	67.8	120	206	98.3	73.7	48.8	50.6	134	959	633	573
MAX	606	108	227	261	144	132	76	77	644	1,440	750	702
MIN	87	48	42	132	71	38	32	31	35	483	475	401
AC-FT	18,700	4,030	7,360	12,680	5,460	4,530	2,900	3,110	7,950	58,980	38,930	34,110

CAL YR 1973 TOTAL 87,771 MEAN 240 MAX 679 MIN 38 AC-FT 174,100
WTR YR 1974 TOTAL 100,204 MEAN 275 MAX 1,440 MIN 31 AC-FT 198,800

02312000 Withlacoochee River at Trilby, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.44	2.30	1.46	4.11	3.00	2.10	1.98	1.24	1.59	7.83	6.66	6.26
2	7.28	2.49	1.42	4.17	2.94	2.05	1.71	1.34	1.64	8.15	7.08	6.09
3	7.13	2.44	1.38	4.27	2.86	2.00	1.73	1.35	1.73	8.55	7.46	5.94
4	6.94	2.33	1.36	4.38	2.71	1.95	1.79	1.36	1.53	8.84	7.69	5.81
5	6.70	2.25	1.43	4.47	2.47	1.93	1.78	1.37	1.67	9.23	7.94	5.91
6	6.50	2.19	1.50	4.49	2.51	1.88	1.75	1.32	1.74	9.53	8.24	7.10
7	6.30	2.13	1.66	4.44	2.52	1.84	1.68	1.16	1.69	9.73	8.29	7.91
8	6.15	2.06	2.11	4.31	2.47	1.82	1.56	1.28	1.63	9.92	8.25	8.01
9	6.00	1.99	2.42	4.30	2.39	1.79	1.34	1.38	1.57	10.41	8.24	7.88
10	5.88	1.94	2.45	4.33	2.24	1.76	1.40	1.38	1.46	10.71	8.15	7.81
11	5.80	1.88	2.33	4.31	1.98	1.67	1.47	1.39	1.32	10.83	8.06	7.61
12	5.64	1.84	2.26	4.28	1.88	1.47	1.49	1.39	1.36	10.90	7.94	7.33
13	5.44	1.79	2.27	4.23	2.04	1.60	1.52	1.30	1.43	10.92	7.83	7.03
14	5.22	1.74	2.35	4.15	2.12	1.65	1.54	1.13	1.44	10.85	7.71	6.80
15	4.98	1.69	2.48	4.02	2.12	1.64	1.45	1.26	1.48	10.70	7.60	6.65
16	4.73	1.64	2.70	3.95	2.18	1.63	1.24	1.44	1.58	10.47	7.53	6.58
17	4.49	1.59	2.75	3.89	2.16	1.61	1.41	1.61	1.47	10.19	7.61	6.65
18	4.26	1.56	2.67	3.82	2.07	1.52	1.50	1.91	1.22	9.89	7.85	6.87
19	4.03	1.65	2.66	3.75	1.88	1.28	1.50	1.98	1.30	9.55	7.91	7.13
20	3.79	1.67	2.81	3.70	2.25	1.32	1.48	1.83	1.46	9.21	7.78	7.35
21	3.58	1.70	3.29	3.62	2.47	1.44	1.45	1.62	1.53	8.86	7.56	7.54
22	3.41	1.65	3.53	3.47	2.51	2.07	1.38	1.73	1.53	8.53	7.42	7.69
23	3.22	1.61	3.49	3.44	2.54	2.75	1.20	1.84	1.53	8.21	7.43	7.76
24	3.07	1.58	3.27	3.43	2.46	2.83	1.30	1.87	1.65	7.94	7.48	7.78
25	2.92	1.56	3.03	3.38	2.15	2.58	1.38	1.84	3.25	7.73	7.49	7.80
26	2.76	1.53	2.92	3.29	1.93	2.23	1.38	1.76	4.27	7.48	7.38	7.75
27	2.60	1.50	3.12	3.19	2.04	2.22	1.38	1.61	6.46	7.16	7.22	7.63
28	2.48	1.51	3.63	3.04	2.12	2.26	1.39	1.44	7.54	6.86	7.06	7.49
29	2.37	1.51	3.97	2.83	------	2.22	1.32	1.59	7.67	6.64	6.86	7.30
30	2.25	1.49	4.09	2.88	------	2.22	1.14	1.66	7.67	6.53	6.64	7.08
31	2.15	------	4.13	2.95	------	2.13	------	1.64	------	6.51	6.44	------
MEAN	4.69	1.83	2.61	3.84	2.32	1.92	1.49	1.52	2.45	9.00	7.57	7.15
MAX	7.44	2.49	4.13	4.49	3.00	2.83	1.98	1.98	7.67	10.92	8.29	8.01
MIN	2.15	1.49	1.36	2.83	1.88	1.28	1.14	1.13	1.22	6.51	6.44	5.81

CAL YR 1973 MEAN 3.89 MAX 7.93 MIN 1.27
WTR YR 1974 MEAN 3.88 MAX 10.92 MIN 1.13

02312140 Bayroot Slough Headwaters near Bay Lake, Fla.

LOCATION.--Lat 28°27'23", long 81°55'14", in NW quarter sec. 28, T.23 S., R.24 E., Lake County, at bridge on State Highway 565, 0.1 mi (0.2 km) upstream from Seaboard Coast Line Railroad bridge and 1.5 mi (2.4 km) southwest of town of Bay Lake.

DRAINAGE AREA.--18 sq mi (47 sq km), approximately.

PERIOD OF RECORD.--1960-61 (one or two discharge measurements each water year), October 1963 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 202 cfs (5.72 cu m/s) Sept. 14, 1960; no flow observed each year.

REMARKS.--Discharge measurements made along railroad fill from 1.0 mi (1.6 km) north to 0.8 mi (1.3 km) south of State Highway 565, which includes Bayroot Slough, Bayroot Drain and Cam Slough.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct.	17	14	Mar.	15	.03	July	8 63
Nov.	27	8.3	May	7	0	Sept.	3 13
Jan.	21	4.9					

02312180 Little Withlacoochee River near Tarrytown, Fla.

LOCATION.--Lat 28°31'17", long 82°03'18", in NE quarter sec.1, T.23 S., R.22 E., Sumter County, near center of span on downstream side of bridge on State Highway 471, 2.3 mi (3.7 km) south of Tarrytown, 3.1 mi (5.0 km) southwest of Linden, and 14 mi (23 km) upstream from mouth.

DRAINAGE AREA.--85 sq mi (220 sq km), approximately.

PERIOD OF RECORD.--October 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 80.00 ft (24.384 m) above mean sea level (Florida Department of Transportation bench mark).

AVERAGE DISCHARGE.--8 years, 51.2 cfs (1.450 cu m/s), 8.18 in/yr (208 mm/yr), 37,090 acre-ft/yr (45.7 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 353 cfs (10.0 cu m/s) July 9 (gage height, 5.64 ft or 1.719 m); no flow May 1-7, 10-14, 23, 26, May 30 to June 3; minimum gage height, 2.68 ft (0.817 m) May 6.
Period of record: Maximum discharge, 650 cfs (18.4 cu m/s) Sept. 4, 1967; maximum gage height, 5.91 ft (1.801 m) Jan. 9, 1970; no flow for many days each year; river dry at gage for many days in 1967, 1968, 1971.

REMARKS.--Records fair. Above bankfull stage, discharge measurements are made along State Highway 471 and include all flow from 2.3 mi (3.7 km) north to 2.8 mi (4.5 km) south of gaging station.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	158	21	3.9	80	30	9.2	8.5	0	0	291	35	69
2	140	20	3.7	79	29	8.4	7.4	0	0	306	38	61
3	128	19	3.5	77	28	7.6	6.4	0	0	281	43	55
4	116	18	3.1	75	27	6.7	5.3	0	.01	266	40	50
5	108	17	2.9	75	25	6.0	4.5	0	.02	288	43	54
6	100	16	2.9	74	24	5.2	4.0	0	.01	310	46	108
7	92	15	4.1	73	23	4.5	3.1	0	.01	305	44	106
8	88	15	16	72	22	3.9	2.4	.01	.01	304	39	96
9	83	14	19	70	22	3.4	1.8	.01	.01	344	45	97
10	79	13	18	68	20	2.9	1.2	0	.04	308	48	112
11	74	11	18	66	19	2.5	.97	0	.65	278	56	99
12	70	10	19	63	18	2.1	.76	0	.45	247	71	88
13	66	9.3	20	62	17	1.9	.60	0	.25	216	68	80
14	64	8.6	23	60	15	1.5	.72	0	.12	180	64	78
15	61	7.8	24	57	14	1.2	.71	.01	.10	150	66	86
16	58	6.9	33	55	14	1.1	.75	.04	.14	125	114	78
17	54	6.3	34	52	12	.90	1.0	.06	.10	103	141	72
18	50	6.1	34	49	11	.68	.85	.08	.07	87	166	78
19	46	13	34	47	11	.57	.61	.04	.05	74	174	72
20	43	12	42	44	18	.48	.46	.02	.06	64	188	70
21	40	10	54	43	17	.40	.32	.01	.05	56	196	71
22	41	9.5	53	41	16	3.5	.21	.01	.03	53	193	71
23	38	8.7	53	38	15	13	.14	0	.02	54	184	71
24	34	8.0	55	36	14	12	.13	.01	.13	48	173	73
25	30	7.3	57	34	13	10	.10	.01	60	42	159	76
26	28	6.5	59	32	11	9.5	.07	0	103	38	144	80
27	25	6.0	71	30	10	9.9	.04	.01	223	35	131	90
28	23	5.4	81	28	9.8	10	.02	.01	268	33	116	108
29	21	4.7	80	26	------	11	.01	.01	298	39	103	159
30	19	4.2	80	27	------	11	.01	0	297	37	91	161
31	17	------	81	31	------	9.4	------	0	------	34	80	------
TOTAL	1,994	329.3	1,082.1	1,664	504.8	170.43	53.08	.34	1,251.33	4,996	3,099	2,569
MEAN	64.3	11.0	34.9	53.7	18.0	5.50	1.77	.011	41.7	161	100	85.6
MAX	158	21	81	80	30	13	8.5	.08	298	344	196	161
MIN	17	4.2	2.9	26	9.8	.40	.01	0	0	33	35	50
CFSM	.76	.13	.41	.63	.21	.06	.02	.0001	.49	1.89	1.18	1.01
IN.	.87	.14	.47	.73	.22	.07	.02	0	.55	2.19	1.36	1.12
AC-FT	3,960	653	2,150	3,300	1,000	338	105	.7	2,480	9,910	6,150	5,100

CAL YR 1973 TOTAL 21,006.08 MEAN 57.6 MAX 411 MIN 0 CFSM .68 IN 9.19 AC-FT 41,670
WTR YR 1974 TOTAL 17,713.38 MEAN 48.5 MAX 344 MIN 0 CFSM .57 IN 7.75 AC-FT 35,130

02312194 Big Gant Canal at structure S-11, near Webster, Fla.

LOCATION.--Lat 28°34'47", long 82°05'45", in NW quarter sec.15, T.22 S., R.22 E., Sumter County, on left bank 10 ft (3 m) downstream from bridge on State Highway 478A, 400 ft (120 m) upstream from structure S-11, 0.5 mi (0.8 km) downstream from Big Gant Lake, 3.2 mi (5.1 km) southwest of Webster, and 3.4 mi (5.5 km) upstream from mouth.

DRAINAGE AREA.--18 sq mi (47 sq km), approximately.

PERIOD OF RECORD.--June 1970 to current year (discharge measurements and thrice-weekly gage heights only); incomplete.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Current year: Maximum discharge measured, 29 cfs (0.82 cu m/s) Sept. 9; maximum gage height observed, 76.18 ft (23.220 m) July 5; no flow observed Mar. 15, May 7; minimum gage height observed, 73.90 ft (22.525 m) June 21.
Period of record: Maximum discharge measured, 29 cfs (0.82 cu m/s) Sept. 9, 1974, maximum gage height observed, 76.78 ft (28.403 m) Mar. 31, 1972; no flow observed in 1971 and 1974; minimum gage height observed, 73.90 ft (22.525 m) June 21, 1974.

REMARKS.--Stage of Big Gant Lake and flow at station regulated by manipulation of stoplogs in structure S-11; crest of weir is at elevation 72.6 ft (22.13 m) with all stoplogs out and 75.8 ft (23.10 m) with all stoplogs in place.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 15	0.16	May 7	0
Nov. 28	** .05	July 8	13
Jan. 23	.05	Sept.9	29
Mar. 15	0		

**Field estimate.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 1	76.00	Jan. 11	75.90	Apr. 8	75.58	June 19	73.94
3	75.96	14	75.88	10	75.50	21	73.90
5	75.94	16	75.84	12	75.44	July 1	76.00
8	75.90	18	75.80	15	75.36	3	76.12
10	75.86	21	75.78	17	75.42	5	76.18
12	75.80	23	75.76	19	75.40	8	76.10
15	75.78	25	75.74	22	75.30	9	76.10
17	75.76	28	75.72	24	75.16	11	76.08
19	75.74	30	75.70	26	75.10	13	76.06
Nov. 5	75.38	Feb. 1	75.70	29	75.02	15	76.02
7	75.34	4	75.70	May 1	75.00	17	75.98
9	75.30	6	75.70	3	74.92	19	75.94
12	75.26	8	75.70	6	74.84	22	75.98
14	75.20	11	75.60	7	74.81	24	76.00
16	75.14	13	75.50	8	74.80	26	75.98
19	75.12	15	75.40	10	74.76	29	75.98
21	75.08	18	75.36	13	74.48	31	75.98
23	75.00	20	75.44	15	74.44	Aug. 2	75.98
26	74.94	22	75.60	17	74.46	7	76.10
28	74.90	25	75.58	20	74.40	10	76.14
30	74.86	27	75.56	22	74.38	29	75.96
Dec. 17	75.30	Mar. 1	75.54	24	74.36	Sept. 9	76.08
19	75.34	4	75.48	27	74.30	11	76.04
21	75.40	6	75.46	29	74.26	13	76.02
24	75.46	8	75.44	31	74.24	16	75.98
26	75.52	15	75.18	June 3	74.18	18	75.94
28	75.74	18	75.10	5	74.16	20	75.92
31	75.80	20	75.08	7	74.10	23	75.90
Jan. 2	75.84	22	75.16	10	74.06	25	75.90
4	75.90	Apr. 1	75.74	12	74.04	27	75.90
7	75.90	3	75.72	14	74.02	30	75.94
9	75.90	5	75.68	17	74.00		

02312197 Big Gant Canal at structure WC-2, at Rerdell, Fla.

LOCATION.--Lat 28°34'16", long 82°08'52", in SW quarter sec.18, T.22 S., R.22 E., Sumter County, on left bank 75 ft (23 m) upstream from structure WC-2, 0.1 mi (0.2 km) upstream from mouth, and 0.5 mi (0.8 km) east of Rerdell.

DRAINAGE AREA.--30 sq mi (80 sq km), approximately.

PERIOD OF RECORD.--June 1970 to current year (discharge measurements and thrice-weekly gage heights only); incomplete.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Soil Conservation Service bench mark). Auxiliary gage at downstream side of structure.

EXTREMES.--Current year: Maximum discharge measured, 83 cfs (2.35 cu m/s) July 8; maximum gage height, observed 67.46 ft (20.562 m) July 8; minimum discharge measured, 10 cfs (0.28 cu m/s) May 9; minimum gage height observed, 65.62 ft (20.001 m) May 10.
Period of record: Maximum discharge measured, 83 cfs (2.35 cu m/s) July 8, 1974; maximum gage height observed, 65.60 ft (19.995 m) June 9, 1971.

REMARKS.--Flow at station regulated by manipulation of gates in spillway; flow over closed gates occurs at elevation 65.55 ft (19.980 m).

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 15	24	May 9	10
Nov. 28	25	July 8	83
Jan. 23	32	Sept.3	29
Mar. 15	24		

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 1	65.90	Jan. 11	65.86	Apr. 8	65.78	June 19	65.76
3	65.86	14	65.80	10	65.80	21	65.76
5	65.86	16	65.80	12	65.82	July 1	67.00
8	65.84	18	65.80	15	65.82	3	67.22
10	65.84	21	65.80	17	65.82	5	67.36
12	65.84	23	65.80	19	65.84	8	67.46
15	65.80	25	65.80	22	65.82	9	67.38
17	65.80	28	65.74	24	65.80	11	67.40
19	65.80	30	65.74	26	65.82	13	67.20
Nov. 5	65.80	Feb. 1	65.74	29	65.84	15	66.74
7	65.80	4	65.74	May 1	65.80	17	66.40
9	65.80	6	65.74	3	65.78	19	66.08
12	65.80	8	65.74	6	65.82	22	66.00
14	65.80	11	65.70	8	65.74	24	65.90
16	65.80	13	65.70	9	65.70	26	65.80
19	65.80	15	65.70	10	65.62	29	65.80
21	65.80	18	65.70	13	65.66	31	65.82
23	65.80	20	65.70	15	65.68	Aug. 2	65.84
26	65.80	22	65.70	17	65.74	10	65.94
28	65.80	25	65.70	20	65.78	28	65.97
30	65.80	27	65.70	22	65.76	Sept. 3	65.80
Dec. 17	65.86	Mar. 1	65.70	24	65.74	9	66.14
19	65.86	4	65.70	27	65.74	11	65.98
21	65.86	6	65.70	29	65.76	13	65.90
24	65.84	8	65.70	31	65.78	16	65.88
26	65.84	15	65.81	June 3	65.76	18	65.90
28	65.80	18	65.64	5	65.78	20	65.88
31	65.90	20	65.64	7	65.76	23	65.92
Jan. 2	65.88	22	65.68	10	65.78	25	65.88
4	65.86	Apr. 1	65.76	12	65.76	27	65.90
7	65.86	3	65.78	14	65.78	30	65.90
9	65.86	5	65.76	17	65.78		

02312198 Big Gant Canal below structure WC-2, at Rerdell, Fla.

LOCATION.--Lat 28°34'16", long 82°08'54", in SW quarter sec.18, T.22 S., R.22 E., Sumter County, on left bank 75 ft (23 m) downstream from structure WC-2, 0.1 mi (0.2 m) upstream from mouth, and 0.5 mi (0.8 km) east of Rerdell.

DRAINAGE AREA.--30 sq mi (80 sq km), approximately.

PERIOD OF RECORD.--June 1970 to current year (thrice-weekly gage heights only); incomplete.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Soil Conservation Service bench mark).

EXTREMES.--Current year: Maximum gage height observed, 67.46 ft (20.562 m) July 8; minimum, 63.16 ft (19.251 m) June 19, 21.
Period of record: Maximum gage height observed, 67.46 ft (20.562 m) July 8, 1974; minimum, 63.00 ft (19.202 m) for many days in June 1971.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct.	1	65.70	Jan.	11	64.70	Apr.	8	63.74	June 19 63.16
	3	65.40		14	64.64		10	63.68	21 63.16
	5	65.20		16	64.56		12	63.60	July 1 67.00
	8	65.10		18	64.50		15	63.60	3 67.22
	10	65.00		21	64.44		17	63.64	5 67.36
	12	64.80		23	64.30		19	63.62	8 67.46
	15	64.74		25	64.20		22	63.50	9 67.38
	17	64.70		28	64.18		24	63.46	11 67.40
	19	64.60		30	64.18		26	63.42	13 67.20
Nov.	5	63.50	Feb.	1	64.16		29	63.36	15 66.74
	7	63.46		4	64.12	May	1	63.30	17 66.40
	9	63.40		6	64.06		3	63.26	19 66.00
	12	63.38		8	64.00		6	63.20	22 65.90
	14	63.34		11	63.96		8	63.50	24 65.76
	16	63.30		13	63.94		9	63.45	26 65.60
	19	63.54		15	63.90		10	63.44	29 65.48
	21	63.58		18	63.88		13	63.40	31 65.34
	23	63.60		20	63.92		15	63.36	Aug. 2 65.24
	26	63.62		22	63.96		17	63.36	10 65.88
	28	63.60		25	63.92		20	63.41	28 65.91
	30	63.60		27	63.94		22	63.40	Sept. 3 65.15
Dec.	17	64.10	Mar.	1	63.96		24	63.50	9 66.14
	19	64.20		4	63.80		27	63.30	11 65.94
	21	64.30		6	63.76		29	63.26	13 65.86
	24	64.40		8	63.74		31	63.20	16 65.70
	26	64.60		15	63.63	June	3	63.22	18 65.54
	28	64.80		18	63.50		5	63.24	20 65.30
	31	64.80		20	63.46		7	63.26	23 65.16
Jan.	2	64.84		22	64.02		10	63.24	25 65.16
	4	64.90	Apr.	1	63.90		12	63.20	27 65.16
	7	64.86		3	63.86		14	63.20	30 65.16
	9	64.84		5	63.82		17	63.18	

02312200 Little Withlacoochee River at Rerdell, Fla.

LOCATION.--Lat 28°34'21", long 82°09'20", in SE quarter sec. 13, T.22 S., R.21 E., Hernando County, near center of span on downstream side of bridge on U. S. Highway 301, 0.2 mi (0.3 km) north of Rerdell and 4.8 mi (7.7 km) upstream from mouth.

DRAINAGE AREA.--145 sq mi (376 sq km), approximately.

PERIOD OF RECORD.--July 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 59.02 ft (17.989 m) above mean sea level.

AVERAGE DISCHARGE.--16 years, 103 cfs (2.917 cu m/s), 9.65 in/yr (245 mm/yr), 74,620 acre-ft/yr (92.0 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 524 cfs (14.8 cu m/s) July 6 (gage height, 7.16 ft or 2.182 m); minimum, 1.8 cfs (0.051 cu m/s) June 1, 2 (gage height, 2.06 ft or 0.628 m).
Period of record: Maximum discharge 3,400 cfs (96.3 cu m/s) Mar. 19, 1960 (gage height, 12.32 ft or 3.755); no flow for many days in 1961, 1962; minimum gage height, 1.10 ft (0.335 m) June 11, 1962.

REMARKS.--Records fair. Above bankfull stage, discharge measurements are made along U.S. Highway 301 and include all flow from 3.4 mi (5.5 km) north to 1.8 mi (2.9 km) south of gaging station.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	158	21	8.6	83	33	17	18	4.3	2.2	319	80	127
2	147	19	8.1	82	31	17	18	4.3	2.3	335	76	113
3	137	18	7.6	81	30	16	17	4.3	3.4	363	80	102
4	125	18	7.1	80	29	15	16	4.4	2.9	380	100	94
5	114	17	7.4	80	28	15	16	4.3	2.5	399	120	106
6	105	17	8.1	78	27	14	16	5.2	3.4	439	140	243
7	98	16	8.9	76	26	14	14	8.8	2.8	477	160	343
8	91	15	17	74	26	13	13	7.4	4.3	424	180	322
9	86	15	16	72	25	13	13	7.1	2.8	407	191	278
10	81	15	15	71	24	12	12	5.6	2.5	411	200	245
11	75	13	16	69	23	12	11	5.6	4.3	405	200	228
12	69	13	17	69	22	11	9.7	15	3.3	384	190	214
13	64	12	17	67	21	12	9.9	12	2.6	357	180	196
14	60	11	18	64	20	11	10	7.6	2.4	322	170	177
15	59	11	19	61	19	12	9.2	4.8	2.8	288	160	162
16	53	11	36	59	19	11	12	4.5	3.0	253	167	149
17	51	11	33	56	18	9.7	13	4.7	2.7	225	180	137
18	48	12	33	54	17	9.1	11	4.8	2.4	204	200	129
19	45	12	35	51	21	8.2	9.1	4.0	2.5	184	210	121
20	42	11	38	49	27	7.8	10	3.4	3.0	170	220	114
21	40	12	40	47	24	8.1	8.3	3.3	2.4	160	230	109
22	39	12	43	44	23	18	6.4	2.7	2.7	150	230	104
23	37	12	50	45	22	37	7.0	4.7	3.6	140	227	99
24	35	12	55	41	20	31	7.2	5.7	8.0	130	220	95
25	32	11	55	38	20	30	7.3	4.5	52	120	215	92
26	30	11	55	36	19	30	6.5	3.6	44	106	210	93
27	28	11	71	35	18	29	5.9	3.6	125	100	200	101
28	25	12	76	33	18	26	5.5	3.9	197	95	190	110
29	23	11	78	31	------	24	5.2	3.2	273	90	180	131
30	21	9.1	82	34	------	22	4.7	2.7	303	85	163	136
31	20	------	83	35	------	20	------	2.5	------	80	144	------
TOTAL	2,038	401.1	1,053.8	1,795	650	524.9	321.9	162.5	1,068.8	8,002	5,413	4,670
MEAN	65.7	13.4	34.0	57.9	23.2	16.9	10.7	5.24	35.6	258	175	156
MAX	158	21	83	83	33	37	18	15	303	477	230	343
MIN	20	9.1	7.1	31	17	7.8	4.7	2.5	2.2	80	76	92
CFSM	.45	.09	.23	.40	.16	.12	.07	.04	.25	1.78	1.21	1.08
IN.	.52	.10	.27	.46	.17	.13	.08	.04	.27	2.05	1.39	1.20
AC-FT	4,040	796	2,090	3,560	1,290	1,040	638	322	2,120	15,870	10,740	9,260

CAL YR 1973 TOTAL 24,482.0 MEAN 67.1 MAX 243 MIN 4.2 CFSM .46 IN 6.28 AC-FT 48,560
WTR YR 1974 TOTAL 26,101.0 MEAN 71.5 MAX 477 MIN 2.2 CFSM .49 IN 6.70 AC-FT 51,770

02312500 Withlacoochee River at Croom, Fla.

LOCATION (revised).--Lat 28°35'33", long 82°13'20", in NE quarter sec.8, T.22 S., R.21 E., Hernando County, on left bank at upstream side of abandoned highway bridge, 0.4 mi (0.6 km) northwest of Croom, 2.3 mi (3.7 km) downstream from Little Withlacoochee River, 4.5 mi (7.2 km) southeast of Nobleton, and 77 mi (124 km) upstream from mouth.

DRAINAGE AREA.--810 sq mi (2,100 sq km), approximately.

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 38.94 ft (11.869 m) above mean sea level (Corps of Engineers bench mark). Prior to Feb. 2, 1940, nonrecording gage at railroad bridge 500 ft (150 m) upstream at same datum.

AVERAGE DISCHARGE.--35 years, 504 cfs (14.27 cu m/s), 365,100 acre-ft/yr (450 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 1,660 cfs (47.0 cu m/s) July 12, 13 (gage height, 8.25 ft or 2.515 m); minimum, 47 cfs (1.33 cu m/s) June 19 (gage height, 1.90 ft or 0.579 m).
Period of record: Maximum discharge, 8,650 cfs (245 cu m/s) Mar. 23, 1960 (gage height, 13.78 ft or 4.200 m); minimum, 16 cfs (0.45 cu m/s) July 24, 25, 1956 (gage height, 1.73 ft or 0.527 m).
Maximum stage known, 15.2 ft (4.63 m) in June 1934, from floodmark.

REMARKS.--Records good. Records include considerable amount of waste water diverted from ground-water supplies during packing season by packing companies upstream (see sta 02312000 Withlacoochee River at Trilby).

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	751	170	97	324	201	124	125	54	60	903	661	674
2	726	172	95	327	201	122	114	53	66	961	682	631
3	695	176	92	331	196	119	102	56	63	1,050	757	599
4	666	174	89	338	189	115	98	58	64	1,130	804	577
5	634	169	86	343	178	110	99	61	59	1,220	885	569
6	602	164	92	350	166	107	98	61	59	1,320	982	672
7	574	159	97	351	163	105	95	61	63	1,450	1,030	899
8	549	153	125	348	162	101	90	61	68	1,500	1,040	1,050
9	526	148	142	341	158	98	83	57	65	1,530	1,040	1,060
10	503	142	151	338	151	96	73	57	62	1,590	1,020	1,020
11	488	138	153	335	142	92	73	58	68	1,640	1,010	979
12	474	134	149	334	130	86	75	62	55	1,660	964	927
13	456	130	145	333	121	77	75	66	50	1,660	930	870
14	437	125	146	326	123	80	77	59	52	1,640	896	821
15	418	121	151	318	127	83	77	52	54	1,600	866	778
16	398	118	179	308	128	83	79	50	56	1,530	853	736
17	379	113	194	298	129	82	77	55	57	1,460	863	704
18	358	112	192	291	127	77	72	67	55	1,380	898	696
19	340	115	187	283	128	72	73	73	49	1,300	944	710
20	322	114	188	276	139	63	73	76	48	1,220	989	732
21	304	114	198	269	146	62	73	70	52	1,140	983	756
22	290	115	219	261	154	87	72	61	57	1,070	944	779
23	274	114	236	250	156	146	68	67	59	1,000	914	796
24	259	111	243	245	156	160	62	73	76	929	908	807
25	242	108	237	239	150	179	61	74	177	872	900	810
26	228	106	227	234	136	165	62	71	230	828	884	812
27	215	103	238	228	122	150	63	67	369	784	852	815
28	203	105	262	222	122	143	64	62	528	748	817	812
29	192	106	283	210	------	141	63	54	718	719	781	805
30	184	102	304	202	------	137	60	54	828	682	760	783
31	174	------	318	202	------	132	------	57	------	660	722	------
TOTAL	12,861	3,931	5,515	9,055	4,201	3,414	2,376	1,907	4,267	37,176	27,579	23,679
MEAN	415	131	178	292	150	110	79.2	61.5	142	1,199	890	789
MAX	751	176	318	351	201	180	125	76	828	1,660	1,040	1,060
MIN	174	102	86	202	121	62	60	50	48	660	661	569
AC-FT	25,510	7,800	10,940	17,960	8,330	6,770	4,710	3,780	8,460	73,740	54,700	46,970

CAL YR 1973 TOTAL 121,792 MEAN 334 MAX 840 MIN 86 AC-FT 241,600
WTR YR 1974 TOTAL 135,961 MEAN 372 MAX 1,660 MIN 48 AC-FT 269,700

09G WITHLACOOCHEE RIVER BASIN

02312500 Withlacoochee River at Croom, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.60	3.28	2.43	4.40	3.46	2.70	2.68	1.99	2.05	6.96	6.33	6.37
2	6.54	3.29	2.41	4.42	3.45	2.68	2.58	1.97	2.11	7.09	6.39	6.24
3	6.45	3.32	2.38	4.45	3.40	2.65	2.47	2.01	2.08	7.25	6.60	6.13
4	6.36	3.30	2.35	4.50	3.34	2.61	2.43	2.03	2.10	7.43	6.73	6.04
5	6.26	3.24	2.32	4.54	3.25	2.56	2.44	2.06	2.04	7.59	6.93	6.01
6	6.15	3.19	2.38	4.59	3.14	2.54	2.43	2.06	2.04	7.75	7.13	6.35
7	6.04	3.14	2.44	4.60	3.10	2.51	2.40	2.06	2.08	7.95	7.23	6.95
8	5.93	3.08	2.70	4.58	3.09	2.47	2.35	2.06	2.13	8.02	7.24	7.27
9	5.83	3.02	2.86	4.53	3.05	2.44	2.28	2.01	2.10	8.06	7.24	7.29
10	5.73	2.97	2.94	4.51	2.99	2.42	2.19	2.02	2.07	8.14	7.22	7.22
11	5.65	2.93	2.96	4.50	2.90	2.38	2.18	2.03	2.13	8.22	7.19	7.13
12	5.58	2.88	2.92	4.49	2.78	2.31	2.20	2.07	2.00	8.24	7.10	7.02
13	5.49	2.83	2.90	4.48	2.70	2.22	2.20	2.11	1.94	8.24	7.02	6.89
14	5.39	2.78	2.91	4.43	2.73	2.24	2.22	2.03	1.96	8.21	6.95	6.77
15	5.28	2.74	2.95	4.37	2.76	2.28	2.22	1.96	1.98	8.15	6.89	6.66
16	5.15	2.70	3.20	4.30	2.76	2.28	2.24	1.94	2.01	8.07	6.86	6.55
17	5.01	2.66	3.34	4.23	2.77	2.27	2.22	1.99	2.02	7.96	6.88	6.45
18	4.87	2.63	3.32	4.18	2.75	2.22	2.17	2.12	2.00	7.85	6.96	6.43
19	4.73	2.66	3.29	4.12	2.76	2.17	2.18	2.18	1.92	7.73	7.05	6.47
20	4.59	2.65	3.29	4.07	2.86	2.08	2.18	2.21	1.92	7.58	7.15	6.53
21	4.46	2.63	3.38	4.02	2.91	2.07	2.18	2.16	1.96	7.44	7.14	6.60
22	4.35	2.63	3.56	3.95	2.99	2.32	2.17	2.06	2.02	7.31	7.05	6.66
23	4.21	2.61	3.71	3.87	3.01	2.87	2.13	2.12	2.04	7.17	6.99	6.71
24	4.09	2.58	3.76	3.84	3.00	3.18	2.07	2.18	2.21	7.02	6.98	6.74
25	3.96	2.55	3.72	3.79	2.95	3.17	2.06	2.19	3.16	6.90	6.96	6.75
26	3.83	2.52	3.64	3.75	2.81	3.05	2.08	2.16	3.61	6.79	6.93	6.75
27	3.71	2.49	3.73	3.70	2.69	2.91	2.08	2.12	4.63	6.68	6.85	6.76
28	3.60	2.49	3.92	3.65	2.69	2.85	2.09	2.07	5.61	6.58	6.76	6.75
29	3.50	2.51	4.08	3.54	------	2.83	2.08	1.98	6.39	6.50	6.67	6.73
30	3.41	2.47	4.25	3.47	------	2.79	2.05	1.99	6.79	6.39	6.61	6.67
31	3.33	------	4.36	3.47	------	2.75	------	2.02	------	6.33	6.50	------
MEAN	5.03	2.83	3.17	4.17	2.97	2.54	2.24	2.06	2.64	7.47	6.92	6.66
MAX	6.60	3.32	4.36	4.60	3.46	3.18	2.68	2.21	6.79	8.24	7.24	7.29
MIN	3.33	2.47	2.32	3.47	2.69	2.07	2.05	1.94	1.92	6.33	6.33	6.01

CAL YR 1973 MEAN 4.42 MAX 6.82 MIN 2.32
WTR YR 1974 MEAN 4.07 MAX 8.24 MIN 1.92

02312600 Withlacoochee River near Floral City, Fla.

LOCATION.--Lat 28°44'36", long 82°13'13", in SE quarter sec.17, T.20 S., R.21 E., Citrus County, on upstream shoreward corner of pavilion at Trails End Camp, 1.1 mi (1.8 km) downstream from diversions to Tsala Apopka Lake, 4.7 mi (7.6 km) east of Floral City, and 62 mi (100 km) upstream from mouth.

DRAINAGE AREA.--995 sq mi (2,600 sq km), approximately.

PERIOD OF RECORD.--August 1958 to January 1965 (gage heights only), February 1965 to current year (discharge measurements and gage heights only). Published since October 1962.

GAGE.--Nonrecording gage. Datum of gage is at mean sea level, unadjusted.

EXTREMES.--Current year: Maximum discharge measured, 1,560 cfs (44.2 cu m/s) July 11; maximum gage height, 42.89 ft (13.073 m) July 16; minimum discharge measured, 69 cfs (1.95 cu m/s) May 15; minimum gage height, 38.80 ft (11.826 m) June 1.
Period of record: Maximum discharge measured, 2,140 cfs (60.6 cu m/s) Aug. 26, 1965; maximum gage height, 45.24 ft (13.789 m) Mar. 25, 1960; minimum discharge measured, 28 cfs (0.79 cu m/s) May 2, 1968; minimum gage height, 38.08 ft (11.607 m) Apr. 18-22, 1962.

REMARKS.--Discharge measurements made about 1 mi (2 km) downstream except during periods of overbank flow, when measurements are made at bridge on State Highway 48 about 2 mi (3 km) upstream and above diversions to Tsala Apopka Lake.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 23	+ 341	Mar. 21	159	July 11	+ 1,560
Dec. 5	128	May 15	69	Sept. 6	+ 890
Jan. 28	+ 274				

+ Measured at State Highway 48.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.42	41.09	40.30	40.86	40.61	40.22	39.92	38.98	38.80	41.40	42.52	42.18
2	42.39	41.06	40.28	40.88	40.59	40.20	39.88	38.94	38.82	41.55	42.56	42.14
3	42.36	41.03	40.26	40.88	40.56	40.16	39.84	38.90	38.82	41.65	42.58	42.08
4	42.33	41.00	40.24	40.88	40.54	40.14	39.80	38.89	38.82	41.74	42.54	41.94
5	42.29	40.98	40.20	40.86	40.50	40.10	39.72	38.90	38.82	41.99	42.54	41.84
6	42.25	40.94	40.22	40.90	40.48	40.06	39.68	38.89	38.82	42.10	42.58	42.00
7	42.21	40.92	40.20	40.90	40.46	40.04	39.64	38.90	38.82	42.30	42.60	41.98
8	42.18	40.89	40.40	40.90	40.44	40.00	39.60	38.94	38.84	42.42	42.62	41.98
9	42.14	40.86	40.46	40.90	40.40	39.98	39.54	38.94	38.84	42.54	42.63	42.06
10	42.10	40.81	40.48	40.90	40.36	39.94	39.50	38.94	38.84	42.63	42.63	42.10
11	42.06	40.78	40.48	40.90	40.34	39.91	39.46	38.90	38.98	42.72	42.62	42.10
12	42.01	40.74	40.48	40.90	40.30	39.86	39.42	38.88	39.00	42.78	42.60	42.09
13	41.97	40.71	40.46	40.90	40.26	39.82	39.40	38.90	39.00	42.83	42.62	42.06
14	41.92	40.68	40.44	40.90	40.24	39.78	39.38	38.90	38.98	42.86	42.58	42.02
15	41.88	40.66	40.44	40.90	40.22	39.76	39.34	38.90	38.98	42.87	42.54	42.00
16	41.84	40.63	40.50	40.89	40.20	39.74	39.30	38.86	39.04	42.89	42.54	41.96
17	41.78	40.60	40.54	40.88	40.18	39.70	39.40	38.84	39.08	42.88	42.59	41.90
18	41.74	40.56	40.54	40.86	40.16	39.66	39.40	38.88	39.09	42.86	42.60	41.86
19	41.69	40.57	40.54	40.84	40.14	39.62	39.38	38.90	39.06	42.84	42.58	41.82
20	41.64	40.55	40.54	40.84	40.42	39.60	39.34	38.90	39.04	42.84	42.58	41.79
21	41.60	40.52	40.56	40.82	40.44	39.58	39.30	38.90	39.00	42.77	42.58	41.77
22	41.56	40.50	40.54	40.80	40.44	39.52	39.28	38.90	38.98	42.74	42.56	41.76
23	41.50	40.48	40.54	40.78	40.44	39.74	39.24	38.90	39.00	42.76	42.54	41.76
24	41.45	40.46	40.56	40.76	40.42	40.04	39.20	38.90	39.00	42.76	42.52	41.76
25	41.40	40.44	40.58	40.76	40.38	40.18	39.16	38.90	40.20	42.74	42.50	41.76
26	41.36	40.42	40.58	40.75	40.34	40.20	39.12	38.90	40.64	42.72	42.46	41.76
27	41.30	40.40	40.66	40.71	40.30	40.20	39.10	38.88	40.89	42.70	42.44	41.77
28	41.26	40.38	40.78	40.69	40.26	40.16	39.08	38.90	41.01	42.68	42.38	41.78
29	41.22	40.34	40.80	40.67	------	40.10	39.04	38.90	41.16	42.67	42.36	41.78
30	41.18	40.32	40.82	40.64	------	40.04	39.00	38.87	41.26	42.67	42.30	41.76
31	41.12	------	40.86	40.62	------	39.98	------	38.84	------	42.60	42.24	------
MEAN	41.81	40.68	40.49	40.83	40.37	39.94	39.41	38.90	39.32	42.53	42.54	41.92
MAX	42.42	41.09	40.86	40.90	40.61	40.22	39.92	38.98	41.26	42.89	42.63	42.18
MIN	41.12	40.32	40.20	40.62	40.14	39.52	39.00	38.84	38.80	41.40	42.24	41.76

CAL YR 1973 MEAN 41.46 MAX 42.55 MIN 40.20
WTR YR 1974 MEAN 40.74 MAX 42.89 MIN 38.80

02312640 Jumper Creek Canal near Bushnell, Fla.

LOCATION.--Lat 28°41'45", long 82°06'34", in NE quarter sec.4, T.21 S., R.22 E., Sumter County, near center of span on downstream side of bridge on State Highway 475, 2.2 mi (3.5 km) north of Bushnell and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--40 sq mi (100 sq km), approximately.

PERIOD OF RECORD.--September 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft (16.764 m) above mean sea level.

AVERAGE DISCHARGE.--11 years, 29.2 cfs (0.827 cu m/s), 9.91 in/yr (252 mm/yr), 21,160 acre-ft/yr (26.1 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 107 cfs (3.03 cu m/s) June 27 (gage height, 4.94 ft or 1.506 m); minimum, 6.9 cfs (0.20 cu m/s) Oct. 17, May 11 (gage height, 1.79 ft or 0.546 m).
Period of record: Maximum discharge, 227 cfs (6.43 cu m/s) Feb. 3, 1970 (gage height, 6.06 ft or 1.847 m); minimum, 4.0 cfs (0.11 cu m/s) June 19, 1964; minimum gage height, 1.51 ft (0.460 m) June 21, 1971.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	18	12	22	16	24	28	19	16	53	48	52
2	19	17	9.9	23	22	23	26	17	17	55	49	52
3	19	17	9.5	23	24	22	21	18	20	55	55	51
4	19	17	12	18	23	27	17	23	25	56	45	51
5	19	17	15	17	22	18	17	21	14	71	46	51
6	18	12	16	23	25	15	22	20	12	72	57	79
7	19	10	17	22	25	14	21	16	19	72	52	85
8	19	11	22	22	28	18	26	18	20	65	51	80
9	16	15	20	23	24	22	28	18	20	60	50	76
10	16	16	18	23	24	22	26	23	21	59	45	76
11	17	17	17	22	26	23	19	16	23	56	45	70
12	18	17	17	22	23	15	14	16	26	54	40	65
13	18	16	12	22	17	18	20	19	25	53	48	61
14	17	16	9.3	22	15	21	23	24	24	52	48	55
15	17	16	9.9	22	19	24	24	19	24	51	49	51
16	17	15	13	18	20	23	26	19	23	46	71	53
17	8.8	15	16	18	19	23	25	21	21	44	81	47
18	13	15	14	23	21	22	22	22	24	46	79	51
19	16	20	17	26	28	25	18	20	22	43	74	63
20	17	18	20	33	18	23	15	22	22	43	76	58
21	18	17	19	29	23	23	18	15	24	42	69	57
22	18	16	21	20	30	25	21	12	21	42	64	52
23	18	16	20	23	21	29	22	15	16	43	61	50
24	18	15	20	27	26	37	22	19	30	44	62	48
25	17	15	20	29	28	24	17	20	62	43	58	47
26	17	15	21	27	27	29	13	20	61	45	56	46
27	17	14	27	28	27	32	12	22	96	44	58	47
28	17	14	27	25	24	29	21	19	80	45	58	49
29	17	17	24	26	------	27	19	19	64	44	57	51
30	17	17	23	19	------	30	21	18	56	45	56	48
31	17	------	22	17	------	28	------	14	------	45	43	------
TOTAL	532.8	471	540.6	714	645	735	624	584	928	1,588	1,751	1,722
MEAN	17.2	15.7	17.4	23.0	23.0	23.7	20.8	18.8	30.9	51.2	56.5	57.4
MAX	19	20	27	33	30	37	28	24	96	72	81	85
MIN	8.8	10	9.3	17	15	14	12	12	12	42	40	46
CFSM	.43	.39	.44	.58	.58	.59	.52	.47	.77	1.28	1.41	1.44
IN.	.50	.44	.50	.66	.60	.68	.58	.54	.86	1.48	1.63	1.60
AC-FT	1,060	934	1,070	1,420	1,280	1,460	1,240	1,160	1,840	3,150	3,470	3,420

CAL YR 1973 TOTAL 9,271.4 MEAN 25.4 MAX 67 MIN 8.8 CFSM .64 IN 8.62 AC-FT 18,390
WTR YR 1974 TOTAL 10,835.4 MEAN 29.7 MAX 96 MIN 8.8 CFSM .74 IN 10.08 AC-FT 21,490

02312700 Outlet River at Panacoochee Retreats, Fla.

LOCATION.--Lat 28°48'27", long 82°08'16", in NW quarter sec.29, T.19 S., R.22 E., Sumter County, on west shore of Lake Panasoffkee, 100 ft (30 m) north of outlet, 0.5 mi (0.8 km) north of Panacoochee Retreats, 2.0 mi (3.2 km) upstream from mouth, and 4.4 mi (7.1 km) northwest of town of Lake Panasoffkee.

DRAINAGE AREA.--420 sq mi (1,090 sq km), approximately.

PERIOD OF RECORD.--October 1962 to current year. Prior to October 1967, published as Panasoffkee River near Lake Panasoffkee.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Prior to Dec. 18, 1962, nonrecording gage at site about 0.5 mi (0.8 km) northwest at same datum.

AVERAGE DISCHARGE.--12 years, 208 cfs (5.891 cu m/s), 6.73 in/yr (171 mm/yr), 150,700 acre-ft/yr (186 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 512 cfs (14.5 cu m/s) Aug. 24; maximum gage height, 41.94 ft (12.783 m) Aug. 6, affected by wind; minimum daily discharge, 111 cfs (3.14 cu m/s) May 31 to June 6; minimum gage height, 38.83 ft (11.835 m) June 10, affected by wind.

Period of record: Maximum daily discharge, 538 cfs (15.2 cu m/s) Aug. 12, 13, 1965; maximum gage height, 42.49 ft (12.951 m) Feb. 9, 1970; no flow June 27 to July 15, 1963, temporary dam in place; minimum gage height, 38.29 ft (11.671 m) May 26, 1963, affected by wind.

REMARKS.--Records fair. Discharge measurements made at bridge on State Highway 470, about 1 mi (2 km) downstream from lake outlet. Flow partially controlled at times by backwater from Withlacoochee River. Prior to 1962, flow partially controlled by small rock dams and at times during 1962-64 by a temporary sheet piling dam about 400 ft (120 m) downstream from bridge on State Highway 470. Gage heights are published as elevations for Lake Panasoffkee (sta 02312698) in reports of Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes."

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	301	176	154	170	142	144	140	121	111	178	410	472
2	299	176	151	168	141	144	139	121	111	188	414	466
3	295	176	151	168	140	144	138	120	111	192	422	458
4	291	176	148	166	137	144	135	119	111	200	428	452
5	287	176	147	165	136	144	132	118	111	233	444	450
6	285	174	145	163	137	142	127	118	111	257	456	476
7	283	174	143	160	136	141	128	118	113	291	464	480
8	283	173	154	159	134	141	126	118	113	305	466	478
9	277	171	160	157	133	140	125	118	113	317	464	470
10	273	170	159	155	133	139	126	117	113	328	462	466
11	271	166	155	154	132	138	126	117	128	334	464	466
12	267	163	156	154	133	135	125	114	126	340	468	466
13	259	163	155	152	132	135	123	113	123	346	470	460
14	253	163	154	152	132	133	123	112	121	346	468	454
15	247	163	154	151	132	133	122	112	121	348	476	448
16	245	162	156	150	131	128	124	114	126	348	478	444
17	241	162	155	148	130	127	126	116	126	350	486	438
18	233	165	157	147	130	127	126	122	125	352	498	434
19	222	173	156	147	132	126	126	120	123	352	502	440
20	216	178	156	146	147	124	126	120	121	350	506	444
21	214	174	151	145	151	123	126	118	118	352	5[illegible]4	444
22	212	173	152	144	151	123	125	115	116	356	5[illegible]6	442
23	204	171	151	144	150	135	124	114	114	354	510	436
24	198	171	151	142	147	147	124	113	124	348	512	432
25	192	170	150	142	146	151	123	112	133	350	504	430
26	192	168	150	142	143	150	122	112	142	370	500	424
27	190	166	160	142	144	150	122	112	162	376	492	418
28	186	165	170	142	144	147	122	114	168	384	492	408
29	178	156	173	141	------	144	122	113	171	396	490	402
30	176	155	173	140	------	142	120	112	173	402	486	398
31	176	------	171	142	------	141	------	111	------	406	480	------
TOTAL	7,446	5,069	4,818	4,698	3,876	4,282	3,793	3,594	3,778	10,049	14,728	13,396
MEAN	240	169	155	152	138	138	126	116	126	324	475	447
MAX	301	178	173	170	151	151	140	122	173	4[illegible]6	512	480
MIN	176	155	143	140	130	123	120	111	111	178	410	398
CFSM	.57	.40	.37	.36	.33	.33	.30	.28	.30	.77	1.13	1.06
IN.	.66	.45	.43	.42	.34	.38	.34	.32	.33	.89	1.30	1.19
AC-FT	14,770	10,050	9,560	9,320	7,690	8,490	7,520	7,130	7,490	19,930	29,210	26,570

CAL YR 1973 TOTAL 84,795 MEAN 232 MAX 370 MIN 143 CFSM .55 IN 7.51 AC-FT 168,200
WTR YR 1974 TOTAL 79,527 MEAN 218 MAX 512 MIN 111 CFSM .52 IN 7.04 AC-FT 157,700

02312719 Withlacoochee River above Wysong Dam, at Carlson, Fla.

LOCATION.--Lat 28°49'22", long 82°10'58", in NW quarter sec.23, T.19 S., R.21 E., Sumter County, near right bank at upstream end of lock of Wysong Dam at Carlson, 1.8 mi (2.9 km) downstream from Outlet River, 2.7 mi (4.3 km) southeast of Rutland, and 55 mi (88 km) upstream from mouth.

DRAINAGE AREA.--1,520 sq mi (3,940 sq km), approximately.

PERIOD OF RECORD.--April 1957 to November 1962 (about weekly) and December 1962 to current year (gage heights only); March 1963 to July 1965 (discharge measurements and gage heights only). Published since October 1962. Prior to October 1967, published as "at Carlson's Landing, near Lake Panasoffkee (auxiliary)."

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). April 1957 to May 23, 1970, at site 200 ft (60 m) upstream at datum 34.2 ft (10.42 m) higher prior to Dec. 17, 1962 and at present datum thereafter.

EXTREMES.--Current year: Maximum gage height, 40.65 ft (12.390 m) July 22, 23; minimum, 37.00 ft (11.278 m) June 10.
Period of record: Maximum gage height, 43.6 ft (13.29 m) in April 1960, from floodmark; minimum observed, about 35.2 ft (10.73 m) Apr. 14, May 5, 1962.
Maximum discharge measured, 1,760 cfs (49.8 cu m/s) Feb. 18, 1964; minimum, 148 cfs (4.19 cu m/s) June 16, 1964.

REMARKS.--Since August 1965, stage affected by operation of dam.

REVISIONS.--WRD Fla. 1972: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.56	39.13	38.40	38.93	38.79	38.55	38.39	37.56	37.14	39.25	40.58	39.91
2	40.51	39.09	38.39	38.92	38.81	38.54	38.35	37.52	37.12	39.34	40.53	39.85
3	40.47	39.04	38.37	38.91	38.83	38.51	38.32	37.50	37.11	39.36	40.53	39.79
4	40.42	39.01	38.35	38.90	38.79	38.48	38.28	37.49	37.10	39.43	40.53	39.72
5	40.38	38.99	38.33	38.90	38.76	38.46	38.23	37.48	37.10	39.58	40.56	39.66
6	40.33	38.96	38.32	38.90	38.74	38.46	38.18	37.47	37.07	39.79	40.58	39.82
7	40.30	38.93	38.30	38.91	38.74	38.44	38.15	37.46	37.09	40.07	40.58	39.80
8	40.28	38.91	38.47	38.92	38.74	38.40	38.11	37.47	37.07	40.12	40.56	39.79
9	40.25	38.89	38.57	38.92	38.71	38.38	38.09	37.46	37.06	40.20	40.52	39.78
10	40.18	38.85	38.60	38.93	38.68	38.36	38.03	37.44	37.05	40.27	40.50	39.75
11	40.14	38.81	38.59	38.92	38.66	38.33	38.00	37.42	37.26	40.34	40.44	39.67
12	40.09	38.78	38.58	38.93	38.63	38.30	37.97	37.40	37.26	40.40	40.41	39.62
13	40.02	38.76	38.56	38.94	38.60	38.26	37.96	37.39	37.24	40.46	40.40	39.62
14	39.94	38.73	38.56	38.95	38.57	38.21	37.95	37.36	37.19	40.50	40.38	39.61
15	39.89	38.70	38.55	38.96	38.55	38.17	37.94	37.36	37.22	40.55	40.32	39.57
16	39.86	38.68	38.62	38.95	38.54	38.15	37.92	37.32	37.28	40.60	40.33	39.52
17	39.80	38.65	38.64	38.94	38.50	38.12	37.96	37.36	37.32	40.60	40.35	39.47
18	39.74	38.65	38.64	38.92	38.47	38.10	37.94	37.40	37.33	40.61	40.40	39.42
19	39.69	38.72	38.64	38.91	38.52	38.07	37.91	37.38	37.30	40.63	40.40	39.35
20	39.63	38.67	38.66	38.91	38.67	38.06	37.88	37.35	37.28	40.64	40.40	39.26
21	39.58	38.64	38.68	38.92	38.70	38.03	37.84	37.30	37.26	40.64	40.38	39.21
22	39.55	38.61	38.64	38.90	38.74	38.00	37.80	37.27	37.27	40.64	40.32	39.20
23	39.50	38.59	38.63	38.88	38.73	38.00	37.78	37.29	37.28	40.64	40.26	39.17
24	39.46	38.56	38.63	38.88	38.71	38.25	37.75	37.29	37.29	40.60	40.23	39.15
25	39.41	38.54	38.63	38.87	38.69	38.53	37.71	37.27	38.45	40.58	40.24	39.10
26	39.37	38.52	38.64	38.86	38.64	38.57	37.67	37.26	38.67	40.60	40.23	39.18
27	39.33	38.50	38.78	38.84	38.60	38.56	37.65	37.25	39.12	40.56	40.19	39.20
28	39.30	38.49	38.85	38.84	38.58	38.56	37.62	37.24	39.20	40.56	40.13	39.21
29	39.25	38.46	38.88	38.83	------	38.52	37.59	37.22	39.20	40.60	40.02	39.21
30	39.21	38.41	38.90	38.82	------	38.50	37.58	37.20	39.21	40.58	40.01	39.19
31	39.15	------	38.92	38.80	------	38.43	------	37.17	------	40.56	39.96	------
MEAN	39.86	38.74	38.59	38.90	38.67	38.33	37.95	37.37	37.55	40.30	40.36	39.49
MAX	40.56	39.13	38.92	38.96	38.83	38.57	38.39	37.56	39.21	40.64	40.58	39.91
MIN	39.15	38.41	38.30	38.80	38.47	38.00	37.58	37.17	37.05	39.25	39.96	39.10

CAL YR 1973 MEAN 38.87 MAX 40.66 MIN 37.69
WTR YR 1974 MEAN 38.85 MAX 40.64 MIN 37.05

02312720 Withlacoochee River at Wysong Dam, at Carlson, Fla.

LOCATION.--Lat 28°49'23", long 82°11'00", in NW quarter sec.23, T.19 S., R.21 E., Sumter County, at downstream end of left wall of lock of Wysong Dam, at Carlson, 1.8 mi (2.9 km) downstream from Outlet River, 2.7 mi (4.3 km) southeast of Rutland, and 55 mi (88 km) upstream from mouth.

DRAINAGE AREA.--1,520 sq mi (3,940 sq km), approximately.

PERIOD OF RECORD.--August 1965 to current year. April 1957 to July 1965, gage heights and discharge measurements at auxiliary gage site. Prior to October 1967, published as "at Carlson's Landing, near Lake Panasoffkee."

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Auxiliary nonrecording gage at upstream side of lock and dam.

AVERAGE DISCHARGE.--9 years, 746 cfs (21.13 cu m/s), 540,500 acre-ft/yr (666 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 2,120 cfs (60.0 cu m/s) Aug. 19-21; maximum gage height, 40.62 ft (12.381 m) July 25; minimum daily discharge, 194 cfs (5.49 cu m/s) June 9; minimum gage height, 36.96 ft (11.265 m) June 10.
Period of record: Maximum discharge, 2,810 cfs (79.6 cu m/s) Feb. 4, 1970; maximum gage height, 40.62 ft (12.381 m) July 25, 1974; minimum daily discharge, 132 cfs (3.74 cu m/s) June 3, 1968; minimum gage height, 35.23 ft (10.738 m) Apr. 7, 1967.

REMARKS.--Records fair. Since 1965, some regulation at station by manipulation of inflatable fabri-dam. Some diversions above station at times into Tsala Apopka Lake.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,060	605	344	508	452	383	340	220	200	680	1,880	1,850
2	1,050	585	342	504	460	377	330	218	199	722	1,860	1,810
3	1,040	560	338	500	468	368	322	217	199	740	1,880	1,780
4	1,030	550	336	504	460	359	314	216	198	789	1,900	1,720
5	1,020	540	332	504	444	356	307	215	198	896	1,950	1,700
6	1,010	525	330	504	434	353	301	216	197	1,060	1,990	1,820
7	1,010	512	328	504	431	346	292	216	198	1,300	2,000	1,830
8	1,010	500	365	508	434	342	289	216	196	1,340	2,000	1,810
9	995	492	392	508	425	336	286	216	194	1,410	1,980	1,800
10	986	476	398	508	416	330	277	215	196	1,450	1,980	1,750
11	972	460	395	508	410	324	270	213	205	1,530	1,950	1,700
12	959	448	395	512	404	318	268	213	206	1,600	1,950	1,660
13	936	440	392	516	398	310	268	212	204	1,650	1,950	1,650
14	914	431	389	516	389	302	265	212	203	1,690	1,950	1,650
15	905	425	386	520	380	296	262	210	204	1,720	1,950	1,620
16	892	419	404	520	374	294	260	209	208	1,750	2,000	1,590
17	878	410	410	516	365	290	266	210	209	1,780	2,040	1,530
18	860	410	410	512	356	288	264	214	209	1,790	2,090	1,470
19	846	431	410	508	365	284	259	212	208	1,810	2,120	1,420
20	828	419	416	504	413	282	254	210	206	1,830	2,120	1,340
21	815	410	419	500	425	277	247	208	206	1,820	2,120	1,320
22	810	401	410	496	431	274	245	207	204	1,820	2,070	1,320
23	797	395	407	492	431	302	244	208	204	1,800	2,020	1,300
24	788	386	407	488	425	342	242	208	216	1,770	2,000	1,280
25	782	380	407	480	419	374	236	206	344	1,780	2,030	1,290
26	747	377	410	476	410	383	233	206	425	1,810	2,030	1,340
27	722	368	444	468	401	383	230	206	580	1,780	2,010	1,370
28	698	368	484	468	392	380	227	206	644	1,800	1,970	1,390
29	668	356	496	460	------	371	225	204	656	1,850	1,900	1,410
30	644	348	504	460	------	359	223	203	662	1,860	1,900	1,400
31	620	------	508	456	------	344	------	202	------	1,860	1,880	------
TOTAL	27,292	13,427	12,408	15,428	11,612	10,327	8,046	6,544	8,178	47,487	61,470	46,920
MEAN	880	448	400	498	415	333	268	211	273	1,532	1,983	1,564
MAX	1,060	605	508	520	468	383	340	220	662	1,860	2,120	1,850
MIN	620	348	328	456	356	274	223	202	194	680	1,860	1,280
AC-FT	54,130	26,630	24,610	30,600	23,030	20,480	15,960	12,980	16,220	94,190	121,900	93,070

CAL YR 1973 TOTAL 227,666 MEAN 624 MAX 1,240 MIN 247 AC-FT 451,600
WTR YR 1974 TOTAL 269,139 MEAN 737 MAX 2,120 MIN 194 AC-FT 533,800

02312720 Withlacoochee River at Wysong Dam, at Carlson, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.48	39.07	38.37	38.87	38.73	38.51	38.35	37.50	37.10	39.20	40.50	39.85
2	40.43	39.03	38.36	38.86	38.75	38.49	38.30	37.47	37.08	39.27	40.46	39.79
3	40.39	38.98	38.34	38.85	38.77	38.46	38.26	37.44	37.08	39.30	40.47	39.73
4	40.35	38.96	38.33	38.86	38.75	38.43	38.22	37.42	37.07	39.37	40.47	39.65
5	40.31	38.94	38.31	38.86	38.71	38.42	38.18	37.40	37.05	39.52	40.50	39.61
6	40.27	38.91	38.30	38.86	38.68	38.41	38.14	37.41	37.04	39.73	40.52	39.74
7	40.24	38.88	38.29	38.86	38.67	38.38	38.08	37.41	37.05	40.01	40.51	39.75
8	40.22	38.85	38.45	38.87	38.68	38.36	38.06	37.42	37.01	40.05	40.49	39.73
9	40.17	38.83	38.54	38.87	38.65	38.33	38.04	37.41	36.98	40.13	40.45	39.72
10	40.13	38.79	38.56	38.87	38.62	38.30	37.98	37.40	37.02	40.18	40.43	39.66
11	40.08	38.75	38.55	38.87	38.60	38.27	37.93	37.36	37.20	40.27	40.38	39.60
12	40.03	38.72	38.55	38.88	38.58	38.24	37.92	37.36	37.21	40.34	40.36	39.56
13	39.96	38.70	38.54	38.89	38.56	38.20	37.92	37.35	37.19	40.40	40.34	39.55
14	39.89	38.67	38.53	38.89	38.53	38.15	37.90	37.33	37.16	40.44	40.32	39.55
15	39.85	38.65	38.52	38.90	38.50	38.11	37.88	37.30	37.18	40.48	40.30	39.52
16	39.80	38.63	38.58	38.90	38.48	38.09	37.87	37.28	37.26	40.51	40.33	39.48
17	39.75	38.60	38.60	38.89	38.45	38.07	37.91	37.30	37.28	40.54	40.35	39.42
18	39.69	38.60	38.60	38.88	38.42	38.05	37.89	37.37	37.28	40.56	40.38	39.35
19	39.64	38.67	38.60	38.87	38.45	38.03	37.86	37.34	37.25	40.58	40.39	39.28
20	39.58	38.63	38.62	38.86	38.61	38.01	37.83	37.30	37.23	40.60	40.37	39.18
21	39.53	38.60	38.63	38.85	38.65	37.98	37.77	37.26	37.21	40.59	40.35	39.14
22	39.50	38.57	38.60	38.84	38.67	37.96	37.75	37.24	37.18	40.59	40.28	39.13
23	39.45	38.55	38.59	38.83	38.67	38.15	37.74	37.25	37.17	40.57	40.21	39.10
24	39.41	38.52	38.59	38.82	38.65	38.36	37.72	37.25	37.42	40.53	40.17	39.07
25	39.36	38.50	38.59	38.80	38.63	38.48	37.66	37.23	38.37	40.54	40.18	39.06
26	39.31	38.49	38.60	38.79	38.60	38.51	37.63	37.21	38.65	40.55	40.16	39.10
27	39.27	38.46	38.71	38.77	38.57	38.51	37.60	37.21	39.02	40.50	40.12	39.13
28	39.23	38.46	38.81	38.77	38.54	38.50	37.57	37.21	39.14	40.50	40.06	39.14
29	39.18	38.42	38.84	38.75	------	38.47	37.55	37.18	39.16	40.53	39.97	39.14
30	39.14	38.39	38.86	38.75	------	38.43	37.53	37.16	39.17	40.52	39.95	39.12
31	39.10	------	38.87	38.74	------	38.37	------	37.13	------	40.50	39.90	------
MEAN	39.80	38.69	38.56	38.84	38.61	38.29	37.90	37.32	37.51	40.24	40.31	39.43
MAX	40.48	39.07	38.87	38.90	38.77	38.51	38.35	37.50	39.17	40.60	40.52	39.85
MIN	39.10	38.39	38.29	38.74	38.42	37.96	37.53	37.13	36.98	39.20	39.90	39.06

CAL YR 1973 MEAN 38.81 MAX 40.57 MIN 37.65
WTR YR 1974 MEAN 38.80 MAX 40.60 MIN 36.98

02312975 Tsala Apopka outfall canal at S-353, near Hernando, Fla.

LOCATION.--Lat 28°57'19", long 82°20'13", in NE quarter sec.6, T.18 S., R.20 E., Citrus County, on left bank at control structure 353, on graded road 2.3 mi (3.7 km) northeast of Hernando and 2.8 mi (4.5 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--July 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark). Auxiliary gage at downstream side of control structure.

AVERAGE DISCHARGE.--6 years, 27.5 cfs (0.779 cu m/s), 19,920 acre-ft/yr (24.6 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 318 cfs (9.01 cu m/s) Aug. 3; maximum gage height 38.81 ft (11.829 m) Dec. 29; gates closed and flow consits of leakage, estimated as 0.30 cfs (0.008 cu m/s), May 1 to June 26; minimum gage height, 36.92 ft (11.253 m) June 15.

Period of record: Maximum daily discharge, 410 cfs (11.6 cu m/s) Sept. 4, 1968; maximum gage height, 39.48 ft (12.034 m) Dec. 10, 1969, affected by wind; no flow Nov. 1, 1972 to Mar. 27, 1973; minimum gage height, 36.92 ft (11.253 m) June 15, 1974.

REMARKS.--Records poor. Flow regulated by manipulation of gates in spillway.

COOPERATION.--Gate-opening record furnished by Southwest Florida Water Management District.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	262	.50	.50	.50	.40	.40	.40	.30	.30	166	19	198
2	180	.50	.50	.50	.40	.40	.40	.30	.30	92	166	198
3	180	.50	.50	.50	.40	.40	.40	.30	.30	19	318	228
4	130	.50	.50	.50	.40	.40	.40	.30	.30	19	297	257
5	61	.50	.50	.50	.40	.40	.40	.30	.30	19	283	252
6	61	.50	.50	.50	.40	.40	.40	.30	.30	19	276	262
7	61	.50	.50	13	.40	.40	.40	.30	.30	19	203	252
8	61	.50	.50	21	.40	.40	.40	.30	.30	19	164	244
9	61	.50	.50	21	.40	.40	.40	.30	.30	19	169	237
10	39	.50	.50	21	.40	.40	.40	.30	.30	19	171	230
11	20	.50	.50	21	.40	.40	.40	.30	.30	19	169	215
12	9.6	.50	.50	21	.40	.40	.40	.30	.30	19	169	212
13	.50	.50	.50	21	.40	.40	.40	.30	.30	19	179	203
14	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	198
15	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	191
16	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	99
17	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
18	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
19	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
20	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
21	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
22	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
23	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
24	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
25	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
26	.50	.50	.50	21	.40	.40	.40	.30	.30	19	198	20
27	.50	.50	.50	21	.40	.40	.40	.30	83	19	198	8.4
28	.50	.50	.50	21	.40	.40	.40	.30	183	19	198	1.7
29	.50	.50	.50	12	------	.40	.40	.30	174	19	198	1.7
30	.50	.50	.50	.40	------	.40	.40	.30	174	19	198	1.7
31	.50	------	.50	.40	------	.40	------	.30	------	19	198	------
TOTAL	1,135.10	15.00	15.50	469.80	11.20	12.40	12.00	9.30	621.80	809	6,147	3,689.5
MEAN	36.6	.50	.50	15.2	.40	.40	.40	.30	20.7	26.1	198	123
MAX	262	.50	.50	21	.40	.40	.40	.30	183	166	318	262
MIN	.50	.50	.50	.40	.40	.40	.40	.30	.30	19	19	1.7
AC-FT	2,250	30	31	932	22	25	24	18	1,230	1,600	12,190	7,320

CAL YR 1973 TOTAL 11,994.60 MEAN 32.9 MAX 360 MIN 0 AC-FT 23,790
WTR YR 1974 TOTAL 12,947.60 MEAN 35.5 MAX 318 MIN .30 AC-FT 25,680

02312975 Tsala Apopka outfall canal at S-353, near Hernando, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.99	38.65	38.50	38.76	38.29	38.07	38.03	37.45	37.09	37.86	38.52	38.17
2	38.05	38.64	38.50	38.75	38.29	38.06	38.01	37.43	37.08	37.86	38.43	38.16
3	38.05	38.64	38.50	38.74	38.28	38.05	37.99	37.40	37.09	37.91	38.23	38.12
4	38.08	38.64	38.50	38.74	38.23	38.04	37.99	37.38	37.08	38.09	38.15	38.00
5	38.17	38.64	38.50	38.71	38.20	38.03	37.97	37.37	37.08	38.16	38.10	37.98
6	38.20	38.62	38.50	38.71	38.21	38.01	37.91	37.37	37.08	38.20	38.07	38.02
7	38.22	38.62	38.50	38.69	38.24	38.00	37.90	37.35	37.09	38.20	38.14	37.98
8	38.25	38.63	38.64	38.67	38.22	37.98	37.91	37.40	37.05	38.24	38.24	37.95
9	38.28	38.63	38.67	38.66	38.16	37.97	37.87	37.39	37.02	38.28	38.28	37.92
10	38.30	38.57	38.67	38.65	38.14	37.95	37.83	37.38	37.01	38.28	38.29	37.89
11	38.34	38.56	38.65	38.64	38.13	37.94	37.82	37.36	37.01	38.28	38.28	37.83
12	38.36	38.55	38.65	38.61	38.12	37.94	37.81	37.40	36.99	38.27	38.28	37.82
13	38.40	38.55	38.67	38.59	38.11	37.89	37.80	37.35	36.96	38.27	38.28	37.78
14	38.43	38.55	38.67	38.56	38.10	37.85	37.79	37.34	36.94	38.27	38.26	37.76
15	38.46	38.55	38.66	38.55	38.09	37.85	37.77	37.33	36.99	38.28	38.24	37.73
16	38.49	38.55	38.72	38.54	38.10	37.87	37.76	37.32	37.03	38.28	38.25	37.87
17	38.50	38.53	38.74	38.52	38.05	37.83	37.75	37.31	37.04	38.29	38.27	38.06
18	38.50	38.53	38.73	38.50	38.04	37.81	37.71	37.31	37.02	38.29	38.33	38.12
19	38.51	38.54	38.74	38.47	38.11	37.80	37.70	37.29	37.01	38.29	38.33	38.19
20	38.53	38.55	38.75	38.46	38.16	37.79	37.66	37.26	37.00	38.29	38.35	38.23
21	38.54	38.55	38.74	38.45	38.16	37.80	37.65	37.24	37.00	38.29	38.35	38.27
22	38.56	38.55	38.71	38.43	38.18	37.74	37.64	37.23	36.99	38.31	38.35	38.32
23	38.57	38.54	38.71	38.42	38.15	37.96	37.63	37.23	36.98	38.32	38.33	38.34
24	38.59	38.54	38.70	38.40	38.15	38.09	37.61	37.22	37.19	38.32	38.31	38.36
25	38.61	38.54	38.70	38.38	38.12	38.11	37.56	37.18	37.66	38.33	38.29	38.40
26	38.62	38.53	38.72	38.37	38.08	38.09	37.54	37.16	37.78	38.34	38.27	38.43
27	38.63	38.52	38.77	38.35	38.07	38.08	37.52	37.17	37.90	38.36	38.25	38.48
28	38.63	38.56	38.78	38.35	38.07	38.09	37.50	37.15	37.95	38.41	38.21	38.51
29	38.63	38.51	38.79	38.31	------	38.10	37.48	37.14	37.90	38.45	38.18	38.52
30	38.62	38.49	38.76	38.31	------	38.08	37.46	37.12	37.87	38.46	38.18	38.53
31	38.63	------	38.76	38.30	------	38.04	------	37.10	------	38.48	38.15	------
MEAN	38.41	38.57	38.66	38.54	38.15	37.96	37.75	37.29	37.20	38.26	38.26	38.12
MAX	38.63	38.65	38.79	38.76	38.29	38.11	38.03	37.45	37.95	38.48	38.52	38.53
MIN	37.99	38.49	38.50	38.30	38.04	37.74	37.46	37.10	36.94	37.86	38.07	37.73

CAL YR 1973 MEAN 38.63 MAX 39.14 MIN 37.94
WTR YR 1974 MEAN 38.10 MAX 38.79 MIN 36.94

02312976 Tsala Apopka outfall canal below S-353, near Hernando, Fla.

LOCATION.--Lat 28°57'19", long 82°20'13", in NE quarter sec.6, T.18 S., R.20 E., Citrus County, on left bank at control structure 353, on graded road 2.3 mi (3.7 km) northeast of Hernando and 2.8 mi (4.5 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--July 1968 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark).

EXTREMES.--Current year: Maximum gage height, 35.48 ft (10.814 m) Aug. 6; minimum, 28.36 ft (8.644 m) June 1, affected by wind.
Period of record: Maximum gage height, 36.13 ft (11.012 m) Feb. 6, 1970; minimum, 27.75 ft (8.458 m) NOv. 13, 1972.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.17	30.58	29.28	29.89	29.37	29.27	29.32	28.59	28.51	32.70	34.31	34.39
2	32.97	30.49	29.24	29.88	29.35	29.23	29.28	28.55	28.50	32.57	34.59	34.31
3	32.90	30.40	29.21	29.87	29.33	29.18	29.24	28.54	28.56	32.20	35.27	34.31
4	32.80	30.30	29.18	29.86	29.33	29.15	29.21	28.52	28.52	32.06	35.32	34.32
5	32.59	30.23	29.17	29.85	29.28	29.12	29.20	28.50	28.49	32.02	35.34	34.32
6	32.50	30.15	29.21	29.84	29.25	29.08	29.17	28.56	28.47	32.09	35.46	34.48
7	32.43	30.08	29.19	29.85	29.26	29.04	29.07	28.60	28.47	32.18	35.35	34.55
8	32.38	30.04	29.60	29.86	29.31	29.00	29.04	28.66	28.43	32.40	35.24	34.50
9	32.35	29.99	29.74	29.85	29.29	28.98	29.02	28.62	28.41	32.77	35.17	34.45
10	32.28	29.94	29.65	29.84	29.27	28.97	28.95	28.57	28.44	32.78	35.11	34.37
11	32.17	29.87	29.61	29.83	29.26	28.94	28.89	28.52	28.48	32.76	35.04	34.26
12	32.07	29.82	29.57	29.83	29.24	28.93	28.86	28.58	28.50	32.76	35.00	34.15
13	31.93	29.77	29.55	29.80	29.21	28.90	28.90	28.60	28.50	32.80	34.95	34.05
14	31.84	29.72	29.57	29.79	29.18	28.85	28.87	28.54	28.49	32.78	34.90	33.95
15	31.78	29.68	29.55	29.79	29.16	28.81	28.82	28.52	28.61	32.77	34.84	33.86
16	31.72	29.65	29.77	29.78	29.15	28.83	28.85	28.51	28.66	32.79	34.84	33.72
17	31.67	29.61	29.98	29.76	29.13	28.82	28.86	28.51	28.61	32.82	34.86	33.47
18	31.58	29.57	29.86	29.75	29.07	28.76	28.79	28.56	28.57	32.86	34.92	33.30
19	31.47	29.60	29.74	29.72	29.15	28.72	28.75	28.58	28.55	32.94	35.00	33.22
20	31.35	29.59	29.66	29.70	29.48	28.71	28.73	28.58	28.56	33.02	35.05	33.13
21	31.25	29.58	29.65	29.70	29.44	28.70	28.71	28.56	28.57	33.10	35.03	33.03
22	31.19	29.57	29.54	29.67	29.46	28.69	28.72	28.55	28.58	33.22	35.01	32.94
23	31.13	29.54	29.51	29.64	29.44	29.37	28.76	28.59	28.57	33.33	34.96	32.87
24	31.04	29.50	29.51	29.61	29.42	29.70	28.79	28.62	29.12	33.42	34.90	32.79
25	30.97	29.47	29.51	29.59	29.40	29.70	28.75	28.60	30.18	33.52	34.83	32.74
26	30.89	29.44	29.53	29.56	29.35	29.54	28.72	28.57	30.87	33.65	34.78	32.67
27	30.81	29.41	29.73	29.54	29.33	29.48	28.69	28.63	31.69	33.83	34.71	32.62
28	30.74	29.42	29.87	29.52	29.29	29.46	28.65	28.64	32.52	34.02	34.64	32.58
29	30.70	29.41	29.86	29.47	------	29.46	28.63	28.59	32.74	34.15	34.59	32.57
30	30.63	29.33	29.87	29.42	------	29.45	28.61	28.57	32.74	34.21	34.59	32.56
31	30.56	------	29.88	29.40	------	29.38	------	28.53	------	34.24	34.48	------
MEAN	31.74	29.79	29.57	29.72	29.29	29.10	28.90	28.57	29.20	32.99	34.94	33.62
MAX	33.17	30.58	29.98	29.89	29.48	29.70	29.32	28.66	32.74	34.24	35.46	34.55
MIN	30.56	29.33	29.17	29.40	29.07	28.69	28.61	28.50	28.41	32.02	34.31	32.56

CAL YR 1973 MEAN 30.59 MAX 33.32 MIN 29.17
WTR YR 1974 MEAN 30.63 MAX 35.46 MIN 28.41

02313000 Withlacoochee River near Holder, Fla.

LOCATION.--Lat 28°59'19", long 82°20'59", in NW quarter sec.30, T.17 S., R.20 E., Marion County, near right bank on downstream side of bridge on State Highway 200, 4.5 mi (7.2 km) northeast of Holder and 38 mi (61 km) upstream from mouth.

DRAINAGE AREA.--1,825 sq mi (4,730 sq km), approximately.

PERIOD OF RECORD.--August 1928 to February 1929, August 1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is 27.52 ft (8.388 m) above mean sea level (levels by Corps of Engineers). Aug. 14, 1928, to Feb. 15, 1929, nonrecording gage at present site at datum 2.00 ft (0.610 m) higher. Aug. 29, 1931, to May 19, 1961, water-stage recorder at site 100 ft (30 m) downstream at present datum.

AVERAGE DISCHARGE.--43 years (1931-74), 1,146 cfs (32.45 cu m/s), 8.53 in/yr (217 mm/yr), 830,300 acre-ft/yr (1.02 cu km/yr).

EXTREMES.--Current year: Maximum discharge, 2,730 cfs (77.3 cu m/s) Aug. 6 (gage height, 7.92 ft or 2.414 m); minimum, 288 cfs (8.16 cu m/s) June 9 (gage height, 0.95 ft or 0.290 m).
Period of record: Maximum discharge, 8,660 cfs (245 cu m/s) Apr. 5, 1960 (gage height, 13.28 ft or 4.048 m); minimum, 112 cfs (3.17 cu m/s) June 18, 1956; minimum gage height, -0.41 ft (-0.125 m) June 19, 1945.

REMARKS.--Records good. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,460	772	502	674	566	540	542	347	308	1,450	2,200	2,270
2	1,400	751	494	676	560	531	531	338	310	1,410	2,350	2,220
3	1,370	727	491	674	556	522	520	334	319	1,280	2,620	2,220
4	1,340	707	486	674	551	516	513	329	312	1,250	2,650	2,220
5	1,280	691	483	670	540	509	508	325	305	1,240	2,670	2,220
6	1,260	670	490	666	537	499	497	332	300	1,260	2,720	2,310
7	1,250	657	486	671	540	491	480	342	300	1,290	2,690	2,340
8	1,240	647	579	674	547	484	470	352	294	1,370	2,640	2,320
9	1,230	639	612	671	541	481	464	344	291	1,510	2,610	2,290
10	1,210	625	589	672	536	477	449	332	295	1,520	2,570	2,270
11	1,170	607	580	667	534	472	438	322	302	1,520	2,540	2,220
12	1,140	597	572	667	530	469	432	332	306	1,520	2,520	2,180
13	1,110	587	571	662	526	465	439	332	305	1,540	2,510	2,120
14	1,080	579	576	659	521	453	431	319	303	1,530	2,480	2,090
15	1,060	572	573	662	516	446	417	315	325	1,530	2,460	2,060
16	1,050	563	628	658	514	448	420	310	337	1,540	2,460	2,000
17	1,030	555	678	656	507	447	421	306	327	1,560	2,470	1,900
18	1,010	547	650	654	498	437	405	315	318	1,590	2,500	1,850
19	976	553	621	648	514	431	395	320	314	1,620	2,540	1,820
20	948	558	606	647	590	428	390	320	317	1,650	2,560	1,790
21	925	555	596	645	583	426	389	316	320	1,680	2,550	1,750
22	908	553	573	637	587	424	388	314	322	1,730	2,540	1,720
23	892	547	569	630	583	568	393	321	318	1,780	2,520	1,690
24	874	541	571	623	575	648	397	328	452	1,820	2,490	1,650
25	857	538	575	616	569	647	389	323	818	1,870	2,460	1,640
26	840	530	580	610	558	603	381	320	880	1,930	2,440	1,610
27	822	525	630	604	551	586	372	330	1,120	2,000	2,410	1,590
28	807	525	665	602	545	583	363	334	1,370	2,080	2,380	1,580
29	796	523	664	591	------	581	360	325	1,460	2,130	2,350	1,590
30	781	508	668	578	------	574	355	318	1,460	2,160	2,360	1,590
31	769	------	671	573	------	556	------	312	------	2,170	2,310	------
TOTAL	32,885	17,949	18,029	20,011	15,275	15,742	12,949	10,107	14,708	50,530	77,570	59,120
MEAN	1,061	598	582	646	546	508	432	326	490	1,630	2,502	1,971
MAX	1,460	772	678	676	590	648	542	352	1,460	2,170	2,720	2,340
MIN	769	508	483	573	498	424	355	306	291	1,240	2,200	1,580
CFSM	.58	.33	.32	.35	.30	.28	.24	.18	.27	.89	1.37	1.08
IN.	.67	.37	.37	.41	.31	.32	.26	.21	.30	1.03	1.58	1.21
AC-FT	65,230	35,600	35,760	39,690	30,300	31,220	25,680	20,050	29,170	100,200	153,900	117,300

CAL YR 1973 TOTAL 278,275 MEAN 762 MAX 1,490 MIN 423 CFSM .42 IN 5.67 AC-FT 552,000
WTR YR 1974 TOTAL 344,875 MEAN 945 MAX 2,720 MIN 291 CFSM .52 IN 7.03 AC-FT 684,100

02313000 Withlacoochee River near Holder, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.66	3.12	1.82	2.44	1.92	1.81	1.88	1.14	1.06	5.21	6.87	6.96
2	5.56	3.03	1.79	2.43	1.90	1.78	1.84	1.10	1.07	5.11	7.15	6.82
3	5.42	2.93	1.76	2.42	1.88	1.74	1.80	1.09	1.12	4.74	7.71	6.79
4	5.32	2.84	1.74	2.42	1.86	1.70	1.77	1.07	1.08	4.60	7.76	6.81
5	5.13	2.77	1.72	2.40	1.81	1.67	1.74	1.06	1.05	4.55	7.80	6.79
6	5.04	2.68	1.75	2.38	1.80	1.62	1.70	1.10	1.02	4.62	7.91	6.96
7	4.99	2.62	1.73	2.40	1.82	1.58	1.62	1.15	1.03	4.71	7.83	7.01
8	4.93	2.58	2.14	2.40	1.85	1.55	1.59	1.21	.99	4.93	7.73	6.97
9	4.90	2.54	2.27	2.40	1.82	1.53	1.55	1.18	.97	5.29	7.67	6.91
10	4.82	2.47	2.17	2.39	1.80	1.51	1.49	1.13	1.00	5.32	7.60	6.85
11	4.71	2.40	2.13	2.37	1.79	1.49	1.45	1.08	1.04	5.30	7.53	6.77
12	4.61	2.35	2.10	2.36	1.77	1.47	1.43	1.14	1.06	5.29	7.49	6.66
13	4.48	2.31	2.09	2.34	1.75	1.45	1.46	1.15	1.05	5.34	7.45	6.55
14	4.39	2.27	2.10	2.33	1.73	1.39	1.43	1.10	1.04	5.32	7.41	6.45
15	4.33	2.23	2.09	2.33	1.71	1.36	1.37	1.08	1.15	5.31	7.35	6.37
16	4.27	2.19	2.31	2.31	1.70	1.36	1.39	1.07	1.21	5.32	7.34	6.22
17	4.21	2.15	2.50	2.30	1.66	1.36	1.40	1.05	1.16	5.35	7.36	5.96
18	4.11	2.11	2.39	2.29	1.61	1.31	1.33	1.10	1.11	5.40	7.42	5.83
19	4.00	2.13	2.26	2.26	1.69	1.28	1.29	1.13	1.10	5.48	7.50	5.76
20	3.88	2.14	2.20	2.25	2.02	1.27	1.27	1.12	1.11	5.54	7.54	5.67
21	3.79	2.13	2.17	2.24	1.99	1.26	1.27	1.11	1.12	5.63	7.52	5.57
22	3.72	2.11	2.06	2.21	2.01	1.24	1.28	1.09	1.14	5.74	7.50	5.48
23	3.65	2.08	2.04	2.18	1.99	1.90	1.31	1.13	1.11	5.85	7.45	5.40
24	3.58	2.05	2.05	2.15	1.96	2.25	1.34	1.17	1.70	5.97	7.39	5.31
25	3.50	2.03	2.06	2.13	1.94	2.24	1.30	1.14	3.23	6.07	7.32	5.27
26	3.42	1.99	2.08	2.10	1.89	2.08	1.27	1.12	3.43	6.21	7.28	5.20
27	3.35	1.96	2.27	2.07	1.86	2.02	1.24	1.18	4.24	6.39	7.21	5.15
28	3.28	1.96	2.41	2.07	1.84	2.01	1.20	1.20	5.03	6.59	7.15	5.12
29	3.24	1.94	2.41	2.03	------	2.01	1.18	1.15	5.26	6.71	7.10	5.12
30	3.16	1.86	2.41	1.97	------	2.00	1.17	1.12	5.25	6.77	7.10	5.11
31	3.11	------	2.43	1.95	------	1.93	------	1.08	------	6.81	6.99	------
MEAN	4.27	2.33	2.11	2.27	1.83	1.65	1.45	1.12	1.76	5.53	7.43	6.13
MAX	5.66	3.12	2.50	2.44	2.02	2.25	1.88	1.21	5.26	6.81	7.91	7.01
MIN	3.11	1.86	1.72	1.95	1.61	1.24	1.17	1.05	.97	4.55	6.87	5.11

CAL YR 1973 MEAN 3.12 MAX 5.75 MIN 1.72
WTR YR 1974 MEAN 3.17 MAX 7.91 MIN .97

02313100 Rainbow Springs near Dunnellon, Fla.

LOCATION.--Lat 29°06'08", long 82°26'16" in SE quarter sec. 12, T.16 S., R.18 E., Marion County, at head of springs, 3.9 mi (6.3 km) north of Dunnellon and 5.7 mi (9.2 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--1899, 1905, 1907, 1917, 1929-30 (one discharge measurement each water year), October 1930 to November 1964 (discharge measurements only), December 1964 to current year. Prior to October 1940, published as Blue Springs near Dunnellon.

GAGE.--Nonrecording gage. Datum of gage is 28.34 ft (8.638 m) above mean sea level (Corps of Engineers bench mark). Prior to Nov. 19, 1948, at datum 1.63 ft (0.497 m) higher. No gage prior to Oct. 8, 1930; Oct. 8, 1930, to Apr. 1, 1933, and Apr. 1, 1969 to Mar. 31, 1971, nonrecording gage or water-stage recorder; and April 1933, to March 1969, and since April 1971, nonrecording gage read at time of discharge measurements only.

AVERAGE DISCHARGE.--9 years (1965-74), 763 cfs, 493 mgd (21.61 cu m/s).

EXTREMES.--Current year: Maximum daily discharge, 755 cfs (21.4 cu m/s) Sept. 25, 26; maximum gage height observed, 2.69 ft (0.820 m) Oct. 11; minimum daily discharge, 578 cfs (16.4 cu m/s) May 17-28; minimum gage height observed, 1.86 ft (0.567 m) May 17.
Period of record: Maximum discharge measured, 1,230 cfs (34.8 cu m/s) Oct. 12, 1964; maximum gage height observed, 5.90 ft (1.798 m) Apr. 5, 1960; minimum discharge measured, 487 cfs (13.8 cu m/s) Oct. 3, 1932, Apr. 4, 1957; minimum gage height observed, 1.50 ft (0.457 m) July 20, Sept. 14, 1962.

REMARKS.--Records good. Discharge measurements made at bridge on State Highway 484, 5 mi (8 km) downstream from head of springs; surface inflow between springs and measuring site is negligible except after heavy rains. Discharge computed from relation between artesian pressure at Rainbow Springs well (290514N0822707.1) and discharge at measuring site. Records of artesian pressures are published in reports of Geological Survey entitled "Ground-Water Levels in the United States." Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	744	736	720	664	634	612	595	585	580	639	671	700
2	744	735	718	663	634	612	595	584	581	643	674	702
3	744	733	717	663	633	611	595	584	581	643	681	704
4	744	733	715	663	631	610	595	584	582	639	684	706
5	742	732	712	662	628	610	595	584	582	634	686	708
6	741	730	709	662	628	609	594	584	582	632	690	712
7	741	730	706	660	628	608	594	584	583	633	690	716
8	741	730	707	659	629	606	594	583	584	633	690	718
9	740	730	706	658	627	605	593	583	585	635	689	718
10	739	729	704	657	626	605	592	583	585	637	688	721
11	738	728	702	656	626	605	591	582	586	635	687	724
12	737	728	701	655	626	605	591	582	587	636	687	725
13	737	728	700	654	626	604	592	581	588	638	687	726
14	737	729	699	653	625	601	593	580	588	639	686	728
15	738	729	697	652	625	600	592	580	590	640	685	729
16	739	729	698	651	624	600	591	579	592	641	685	730
17	740	728	695	650	622	599	589	578	592	643	687	731
18	740	728	692	649	621	598	588	578	592	646	688	732
19	739	728	689	648	622	597	587	578	592	651	688	733
20	738	727	688	646	622	597	586	578	594	654	689	736
21	737	726	684	645	621	596	586	578	595	658	689	740
22	736	725	681	643	620	594	585	578	596	660	690	745
23	737	725	678	642	619	598	586	578	597	660	691	748
24	737	726	676	641	618	600	588	578	603	662	693	750
25	737	727	675	640	616	598	587	578	613	664	693	755
26	736	724	673	640	614	596	587	578	619	666	693	755
27	736	724	673	639	614	595	586	578	623	669	693	754
28	737	724	672	638	613	595	585	578	625	670	693	752
29	737	723	670	637	------	596	585	579	630	672	693	751
30	737	722	668	636	------	596	585	580	635	671	696	751
31	737	------	666	635	------	595	------	580	------	670	697	------
TOTAL	22,907	21,846	21,491	20,161	17,472	18,653	17,702	17,997	17,862	20,113	21,333	21,900
MEAN	739	728	693	650	624	602	590	581	595	649	688	730
MAX	744	736	720	664	634	612	595	585	635	672	697	755
MIN	736	722	666	635	613	594	585	578	580	632	671	700
AC-FT	45,440	43,330	42,630	39,990	34,660	37,000	35,110	35,700	35,430	39,890	42,310	43,440

CAL YR 1973 TOTAL 254,236 MEAN 697 MAX 744 MIN 640 AC-FT 504,300
WTR YR 1974 TOTAL 239,437 MEAN 656 MAX 755 MIN 578 AC-FT 474,900

02313200 Withlacoochee River at Dunnellon, Fla.

LOCATION.--Lat 29°02'45", long 82°27'53", in NW quarter sec.35, T.16 S., R.18 E., Marion County, near right bank 50 ft (15 m) upstream from bridge on U.S. Highway 41 at Dunnellon, 0.6 mi (1.0 km) downstream from Blue Run, 0.8 mi (1.3 km) upstream from Lake Rousseau, and 25 mi (40 km) upstream from mouth.

DRAINAGE AREA.--1,960 sq mi (5,080 sq km), approximately.

PERIOD OF RECORD.--February 1963 to current year (gage heights only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height observed, 29.10 ft (8.870 m) Aug. 6; minimum, 27.63 ft (8.422 m) Apr. 19.
Period of record: Maximum gage height observed, 29.64 ft (9.034 m) Sept. 12, 1964; minimum, 23.10 ft (7.041 m), estimated, Oct. 11, 1972.
Maximum stage known since at least 1931, 33.0 ft (10.06 m) in April 1960, from floodmarks.

REMARKS.--Stage regulated by Lake Rousseau.

REVISIONS.--WRD Fla. 1972: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.70	28.06	27.80	27.86	27.71	27.72	27.76	27.72	27.68	28.57	28.78	28.49
2	28.66	28.01	27.78	27.88	27.70	27.70	27.79	27.70	27.66	28.64	28.90	28.45
3	28.60	27.96	27.76	27.89	27.70	27.69	27.80	27.69	27.66	28.29	29.02	28.39
4	28.56	27.91	27.75	27.91	27.71	27.66	27.81	27.69	27.66	27.90	29.02	28.46
5	28.48	27.88	27.76	27.91	27.68	27.65	27.82	27.67	27.66	27.79	29.02	28.43
6	28.55	27.84	27.75	27.90	27.68	27.65	27.83	27.71	27.65	27.94	29.10	28.51
7	28.53	27.83	27.74	27.90	27.71	27.65	27.79	27.76	27.66	28.06	28.97	28.50
8	28.48	27.86	27.75	27.90	27.77	27.65	27.76	27.77	27.68	28.08	28.83	28.44
9	28.50	27.89	27.88	27.89	27.80	27.64	27.76	27.78	27.65	28.19	28.73	28.48
10	28.45	27.88	27.88	27.90	27.81	27.65	27.75	27.75	27.68	28.21	28.66	28.48
11	28.39	27.85	27.93	27.89	27.82	27.66	27.75	27.71	27.68	28.09	28.58	28.44
12	28.33	27.84	27.95	27.88	27.84	27.67	27.74	27.73	27.68	28.14	28.58	28.40
13	28.26	27.83	27.98	27.87	27.82	27.70	27.86	27.76	27.67	28.24	28.52	28.33
14	28.39	27.82	28.02	27.86	27.82	27.70	27.79	27.72	27.66	28.21	28.50	28.29
15	28.36	27.81	28.01	27.86	27.79	27.69	27.70	27.70	27.75	28.22	28.50	28.20
16	28.40	27.80	28.10	27.86	27.77	27.72	27.67	27.66	27.77	28.25	28.45	28.15
17	28.37	27.79	28.15	27.86	27.77	27.76	27.67	27.66	27.71	28.34	28.45	28.08
18	28.34	27.77	28.03	27.86	27.74	27.71	27.64	27.68	27.68	28.45	28.45	28.02
19	28.22	27.78	27.89	27.83	27.75	27.70	27.63	27.68	27.66	28.58	28.46	28.14
20	28.10	27.79	27.78	27.81	27.94	27.70	27.65	27.69	27.69	28.65	28.49	28.26
21	28.08	27.80	27.84	27.82	27.92	27.74	27.67	27.69	27.69	28.68	28.54	28.44
22	28.12	27.83	27.66	27.81	27.91	27.70	27.67	27.69	27.72	28.73	28.60	28.54
23	28.14	27.84	27.71	27.80	27.87	28.00	27.72	27.71	27.70	28.72	28.67	28.56
24	28.16	27.85	27.77	27.78	27.83	27.95	27.82	27.77	27.95	28.75	28.70	28.52
25	28.15	27.84	27.80	27.76	27.80	27.81	27.84	27.78	28.20	28.83	28.65	28.50
26	28.14	27.84	27.84	27.75	27.77	27.76	27.82	27.77	28.19	28.87	28.60	28.49
27	28.12	27.84	27.97	27.72	27.75	27.72	27.80	27.78	28.30	28.82	28.59	28.44
28	28.08	27.84	27.94	27.70	27.73	27.74	27.78	27.80	28.36	28.81	28.57	28.42
29	28.06	27.86	27.84	27.71	------	27.76	27.76	27.78	28.47	28.80	28.56	28.39
30	28.05	27.81	27.84	27.72	------	27.79	27.74	27.76	28.54	28.70	28.56	28.36
31	28.02	------	27.86	27.73	------	27.77	------	27.71	------	28.67	28.55	------
MEAN	28.32	27.85	27.86	27.83	27.78	27.72	27.75	27.72	27.82	28.43	28.66	28.39
MAX	28.70	28.06	28.15	27.91	27.94	28.00	27.86	27.80	28.54	28.87	29.10	28.56
MIN	28.02	27.77	27.66	27.70	27.68	27.64	27.63	27.66	27.65	27.79	28.45	28.02

CAL YR 1973 MEAN 27.83 MAX 28.70 MIN 25.61
WTR YR 1974 MEAN 28.01 MAX 29.10 MIN 27.63

02313230 Withlacoochee River at Inglis Dam, near Dunnellon, Fla.

LOCATION.--Lat 29°00'35", long 82°37'01", in SW quarter sec. 8, T.17 S., R.17 E., Levy County, at upstream side of control structure of Inglis Dam, 3.5 mi (5.6 km) southeast of Inglis, 9.8 mi (15.8 km) west of Dunnellon, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--2,020 sq mi (5,230 sq km), approximately.

PERIOD OF RECORD.--October 1969 to current year. Miscellaneous discharge measurements, 1948, 1965-69. Gage-height records since June 1964 are contained in files of Geological Survey.

GAGE.--Dual water-stage recorder. Datum of gage is at mean sea level. Prior to July 20, 1971, water-stage recorder at site in forebay of powerhouse of the old Inglis Dam at same datum. July 20, 1971, to Aug. 23, 1972, water-stage recorder at site in private boat basin on south shore of Lake Rousseau. Auxiliary gage at downstream side of lock and control structure.

AVERAGE DISCHARGE.--5 years, 558 cfs (15.80 cu m/s), 404,300 acre-ft/yr (499 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 2,560 cfs (72.5 cu m/s) Aug. 7; maximum gage height, 27.81 ft (8.476 m) Oct. 17; gates closed and flow consists of leakage, about 70 cfs (1.98 cu m/s), for many days; minimum gage height, 25.84 ft (7.876 m) Aug. 10, 12.

Period of record: Maximum discharge measured, 3,980 cfs (113 cu m/s) July 26, 1966; maximum gage height, 28.10 ft (8.565 m) May 1, 1967; gates closed and flow consists of leakage, about 70 cfs (1.98 cu m/s) for all or part of some days in most years; minimum gage height, 21.67 ft (6.605 m) Oct. 11, 1972.

REMARKS.--Records good. Records include flow of springs, approximately 70 cfs (1.98 cu m/s), just downstream from control structure; spring flow is considered to by mostly leakage from Lake Rousseau. Flow regulated by manipulation of gates in spillway. Since December 1969, entire flow diverted below station from old river channel into Cross-Florida Barge Canal; and diversions above station from Lake Rousseau, for boat lockages, through Cross-Florida Barge Canal (see sta 02313237) and, for maintaining flow in old river channel, through Withlacoochee River Bypass Channel (see sta 02313250). Records of gage height are published as elevations for Lake Rousseau (sta 02313229) in reports of Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 3: Lakes." Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

COOPERATION.--Gate-opening record furnished by Corps of Engineers.

REVISIONS.--WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	590	70	70	70	70	70	70	70	70	433	1,160	1,730
2	590	70	70	70	70	70	70	70	70	1,240	2,110	1,730
3	590	70	70	70	70	70	70	70	70	1,890	2,090	1,660
4	590	70	70	70	70	70	70	70	70	898	1,980	1,570
5	272	70	70	70	70	70	70	70	70	270	2,250	1,570
6	347	70	70	70	70	70	70	70	70	337	2,540	1,870
7	508	70	70	70	70	70	70	70	70	475	2,560	1,790
8	508	70	70	70	70	70	70	70	70	475	2,500	1,570
9	508	70	70	70	70	70	70	70	70	777	2,310	1,570
10	508	70	70	70	70	70	70	70	70	1,070	2,220	1,570
11	508	70	70	70	70	70	70	70	70	554	2,120	1,570
12	508	70	70	70	70	70	70	70	70	575	2,050	1,570
13	298	70	70	70	70	70	70	70	70	710	2,050	1,570
14	70	70	70	70	70	70	70	70	70	638	2,050	1,570
15	70	70	70	70	70	70	70	70	70	590	2,050	1,480
16	70	70	70	70	70	70	70	70	70	454	2,160	1,310
17	248	70	70	70	70	70	70	70	70	370	2,220	1,250
18	370	70	70	70	70	70	70	70	70	370	2,110	909
19	370	70	70	70	70	70	70	70	70	435	2,050	596
20	208	70	70	70	70	70	70	70	70	549	1,860	465
21	70	70	70	70	70	70	70	70	70	672	1,730	433
22	70	70	70	70	70	70	70	70	70	755	1,770	666
23	70	70	70	70	70	70	70	70	70	639	1,730	710
24	70	70	70	70	70	70	70	70	70	590	1,930	710
25	70	70	70	70	70	70	70	70	70	735	1,850	864
26	70	70	70	70	70	70	70	70	158	1,310	1,730	724
27	70	70	70	70	70	70	70	70	308	1,770	1,730	590
28	70	70	70	70	70	70	70	70	270	1,360	1,730	590
29	70	70	70	70	------	70	70	70	313	1,570	1,730	662
30	70	70	70	70	------	70	70	70	370	1,230	1,730	526
31	70	------	70	70	------	70	------	70	------	945	1,730	------
TOTAL	8,501	2,100	2,170	2,170	1,960	2,170	2,100	2,170	3,169	24,686	61,830	35,395
MEAN	274	70.0	70.0	70.0	70.0	70.0	70.0	70.0	106	796	1,995	1,180
MAX	590	70	70	70	70	70	70	70	370	1,890	2,560	1,870
MIN	70	70	70	70	70	70	70	70	70	270	1,160	433
AC-FT	16,860	4,170	4,300	4,300	3,890	4,300	4,170	4,300	6,290	48,960	122,600	70,210

CAL YR 1973 TOTAL 60,011 MEAN 164 MAX 1,110 MIN 70 AC-FT 119,000
WTR YR 1974 TOTAL 148,421 MEAN 407 MAX 2,560 MIN 70 AC-FT 294,400

02313231 Withlacoochee River below Inglis Dam, near Dunnellon, Fla.

LOCATION.--Lat 29°00'35", long 82°37'01", in SW quarter sec.8, T.17 S., R.17 E., Levy County, at downstream side of control structure of Inglis Dam, 3.5 mi (5.6 km) southeast of Inglis, 9.8 mi (15.8 km) west of Dunnellon, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 1964 to current year (gage heights only).

GAGE.--Dual water-stage recorder. Datum of gage is at mean sea level. Prior to June 21, 1971, at downstream end of lock chamber of former Inglis Dam at same datum. June 21, 1971 to Aug. 23, 1972, near left bank 1,500 ft (500 m) downstream at same datum. This is the auxiliary gage for station 02313230 located at upstream side of control structure.

EXTREMES.--Current year: Maximum gage height, 6.50 ft (1.981 m) Aug. 2; minimum, -2.19 ft (-0.668 m) Nov. 11.
Period of record: Maximum gage height, 15.73 ft (4.795 m) Sept. 13, 1964; minimum, -3.72 ft (-1.134 m) Jan. 16, 1972.

REMARKS.--Stage affected by tide and manipulation of gates immediately above gage. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS.--WRD Fla. 1972: Drainage area.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.26	.58	.22	.50	.50	.23	.72	.35	.89	1.62	3.24	4.38
2	1.98	.68	.48	.16	.76	.42	.70	.60	1.02	3.44	4.80	4.39
3	1.72	.56	.86	.20	.94	.26	1.06	.56	.62	4.71	5.02	4.24
4	1.60	.93	1.50	.29	-.07	.33	1.39	.65	.55	2.69	4.78	4.09
5	.80	1.17	1.80	.22	-.28	.17	1.44	1.04	.73	1.22	5.17	4.20
6	.95	.19	.51	.25	.99	.37	-.11	1.40	.73	1.49	5.55	4.67
7	1.37	.68	-.34	.47	1.30	.32	.15	.63	.78	1.73	5.49	4.54
8	1.35	.78	.14	.24	1.43	.19	1.16	.86	.92	1.82	5.33	4.13
9	1.40	.71	.43	.30	.41	.30	1.00	.87	.85	2.59	5.08	4.03
10	1.52	-.42	.40	.67	-.19	.45	.00	.69	.90	3.29	4.90	4.01
11	1.46	-.58	-.08	.65	.43	.52	-.02	1.48	1.25	2.21	4.75	3.97
12	1.52	-.04	.20	.39	.33	.82	.63	2.25	.96	2.06	4.61	4.08
13	1.27	.87	1.22	-.10	.68	.86	.99	.55	.80	2.06	4.67	4.16
14	.97	1.23	1.31	.19	.67	-.13	.86	.71	.83	2.04	4.71	4.20
15	1.26	1.47	1.08	.19	.75	.26	.82	.71	.80	2.00	4.71	4.09
16	1.43	1.47	1.22	.25	1.17	.91	.33	.67	.79	1.95	4.90	3.77
17	1.17	.74	-.13	.28	.22	.19	.08	.52	.98	1.62	4.93	3.77
18	.90	1.10	-.09	.18	.46	.03	-.24	.60	.86	1.54	4.90	2.99
19	.80	1.14	.17	.00	1.83	.36	.39	.61	.96	1.82	4.85	2.28
20	.11	1.24	1.18	.48	.52	.83	.53	.64	.82	2.46	4.52	1.77
21	.30	1.36	.57	.78	.68	1.09	.51	.78	1.10	2.68	4.25	1.69
22	.32	.93	-.56	.15	1.40	.58	.96	1.42	1.15	2.60	4.38	2.31
23	.47	.57	-.10	.44	.04	1.37	.99	1.50	1.58	2.37	4.42	2.18
24	.62	.74	.44	.48	.34	.90	.78	1.37	1.83	2.08	4.64	2.12
25	.97	1.37	.56	.56	-.06	.80	-.16	1.29	1.63	2.44	4.46	2.68
26	1.07	1.47	.94	.61	-.92	.36	.10	1.23	1.15	3.57	4.25	2.66
27	1.42	1.34	.60	.70	-.62	.57	.44	1.38	1.70	4.57	4.22	2.85
28	1.66	1.82	.14	1.03	.02	.67	.51	.53	1.39	3.29	4.28	2.64
29	.88	-.39	.34	.75	------	1.22	.51	.59	1.29	2.96	4.33	2.73
30	.89	-.37	.69	.86	------	1.66	.53	.81	1.38	2.95	4.34	2.21
31	1.49	------	.78	.72	------	1.09	------	.67	------	2.91	4.33	------
MEAN	1.16	.78	.53	.42	.49	.58	.57	.90	1.04	2.48	4.67	3.39
MAX	2.26	1.82	1.80	1.03	1.83	1.66	1.44	2.25	1.83	4.71	5.55	4.67
MIN	.11	-.58	-.56	-.10	-.92	-.13	-.24	.35	.55	1.22	3.24	1.69

CAL YR 1973 MEAN .91 MAX 2.91 MIN -.58
WTR YR 1974 MEAN 1.42 MAX 5.55 MIN -.92

02313237 Cross-Florida Barge Canal at Inglis Lock, near Inglis, Fla.

LOCATION.--Lat 29°01'30", long 82°37'00", in SW quarter sec.5, T.17 S., R.17 E., Levy County, at downstream side of Inglis Lock, 0.8 mi (1.3 km) downstream from Lake Rousseau and 3.2 mi (5.1 km) east of Inglis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1970 to current year.

GAGE.--Nonrecording gage.

EXTREMES.--Current year: Maximum daily discharge, 74 cfs (2.10 cu m/s) Aug. 11; no flow for many days.
Period of record: Maximum daily discharge, 138 cfs (3.91 cu m/s) Jan. 11, 1970; no flow for many days each year.

REMARKS.--Discharge at station is a diversion of flow, for boat lockages, from Lake Rousseau and Withlacoochee River into Gulf of Mexico, and is computed using daily volume of water used for lockage. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

COOPERATION.--Lockage record furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	18	0	0	0	4.8	0	0	34	0	52
2	0	0	17	0	0	17	0	0	17	16	0	0
3	0	17	18	0	0	17	0	0	0	15	26	0
4	0	17	0	0	19	17	0	4.8	0	0	24	0
5	0	0	0	34	20	13	0	35	0	0	27	0
6	17	0	17	17	0	12	0	0	0	6.4	0	30
7	0	0	18	18	0	23	18	0	0	57	0	17
8	0	0	17	0	18	10	4.5	0	0	0	0	17
9	0	0	17	0	22	0	0	0	17	0	18	0
10	0	19	0	32	12	18	4.8	16	0	0	21	0
11	0	20	0	0	0	18	0	0	0	0	74	0
12	0	0	0	4.9	0	0	0	0	0	17	50	0
13	18	0	0	23	0	0	17	0	4.8	29	0	0
14	18	0	0	18	0	0	17	0	0	17	0	0
15	0	0	0	17	0	0	0	33	0	0	0	15
16	0	0	17	17	0	0	0	18	21	2.5	18	0
17	0	17	0	13	23	21	0	17	0	3.8	0	0
18	0	17	0	17	0	0	33	0	5.8	16	17	0
19	0	0	0	18	0	0	0	49	4.8	18	15	0
20	18	0	0	4.8	0	0	17	0	4.8	4.2	0	0
21	16	0	0	0	0	0	35	0	0	16	0	17
22	0	0	0	0	18	0	0	0	0	0	0	18
23	0	0	17	0	14	18	0	0	12	0	0	17
24	0	18	0	0	18	17	17	0	0	0	17	0
25	0	17	0	0	0	0	0	0	0	0	30	0
26	0	0	0	18	0	12	11	38	0	0	4.5	0
27	18	0	0	0	0	0	19	0	0	0	0	4.5
28	0	0	0	0	0	0	0	0	0	15	0	19
29	0	19	1.9	0	------	0	0	0	0	21	0	18
30	0	0	0	0	------	0	0	0	18	33	26	0
31	0	------	0	0	------	51	------	0	------	16	0	------
TOTAL	105	161	157.9	251.7	164	264	198.1	210.8	105.2	337.0	367.5	224.5
MEAN	3.39	5.37	5.09	8.12	5.86	8.52	6.60	6.80	3.51	10.9	11.9	7.48
MAX	18	20	18	34	23	51	35	49	21	57	74	52
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	208	319	313	499	325	524	393	418	209	668	729	445

CAL YR 1973 TOTAL 1,911.00 MEAN 5.24 MAX 50 MIN 0 AC-FT 3,790
WTR YR 1974 TOTAL 2,546.70 MEAN 6.98 MAX 74 MIN 0 AC-FT 5,050

02313250 Withlacoochee River Bypass Channel near Inglis, Fla.

LOCATION.--Lat 29°01'15", long 82°38'17", in NE quarter sec.12, T.17 S., R.16 E., Levy County, on right bank 90 ft (27 m) upstream from control structure, 0.1 mi (0.2 km) upstream from mouth, and 2.0 mi (3.2 km) east of Inglis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1970 to current year.

GAGE--Water-stage recorder. Datum of gage is at mean sea level (Corps of Engineers bench mark). Prior to July 16, 1971, water-stage recorder for Withlacoochee River at Inglis Dam, near Dunnellon (sta 02313230) used as base gage for this station.

EXTREMES.--Current year: Maximum daily discharge, 1,660 cfs (47.0 cu m/s) Oct. 6, 16, 17; maximum gage height, 27.43 ft (8.361 m) Apr. 25; minimum daily discharge, 710 cfs (20.1 cu m/s) Apr. 23; minimum gage height, 24.64 ft (7.510 m) Aug. 11.
Period of record: Maximum daily discharge, 1,740 cfs (49.3 cu m/s) Sept. 2, 1973; maximum gage height, 27.79 ft (8.470 m) June 19, 1972; minimum daily discharge, 53 cfs (1.50 cu m/s) Oct. 11, 1972; minimum gage height, 21.35 ft (6.507 m) Oct. 8, 1972.

REMARKS.--Records good. Flow regulated by manipulation of gates in spillway; channel completed and flow through spillway began December 17, 1969. Discharge at station is the diversion from Lake Rousseau to maintain flow in the old river channel.

COOPERATION.--Gate-opening record furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,650	1,560	1,120	1,220	1,130	1,070	950	830	800	1,500	1,340	1,130
2	1,640	1,550	1,120	1,220	1,110	1,070	950	792	780	1,460	1,290	1,120
3	1,620	1,530	1,090	1,220	1,070	1,070	950	770	770	1,170	1,150	1,110
4	1,600	1,510	1,070	1,220	1,070	1,010	950	770	770	1,090	1,160	1,130
5	1,610	1,490	1,070	1,220	1,010	980	950	770	770	1,210	1,140	1,150
6	1,660	1,340	1,030	1,220	980	980	950	770	713	1,280	1,090	1,130
7	1,630	1,250	1,010	1,220	980	980	950	770	718	1,260	1,030	1,080
8	1,620	1,250	1,330	1,220	914	944	950	770	740	1,270	990	1,120
9	1,620	1,250	1,220	1,220	899	920	892	820	740	1,260	969	1,150
10	1,600	1,250	1,010	1,220	950	920	860	854	740	1,170	955	1,150
11	1,580	1,250	1,010	1,220	950	901	860	854	740	1,180	958	1,150
12	1,560	1,250	1,010	1,220	988	890	860	854	740	1,240	966	1,150
13	1,550	1,250	1,040	1,220	1,010	890	994	854	740	1,250	976	1,130
14	1,590	1,250	1,110	1,220	1,010	890	1,070	854	740	1,240	980	1,130
15	1,630	1,250	1,130	1,220	1,010	858	975	854	797	1,250	986	1,110
16	1,660	1,210	1,180	1,220	1,010	800	920	788	830	1,280	983	1,120
17	1,660	1,190	1,440	1,220	990	854	920	740	830	1,340	962	1,130
18	1,600	1,190	1,570	1,220	950	890	864	740	796	1,390	952	1,150
19	1,550	1,150	1,530	1,220	968	871	808	740	770	1,430	955	1,310
20	1,510	1,120	1,490	1,220	1,020	860	770	740	770	1,430	976	1,370
21	1,550	1,120	1,450	1,220	1,080	860	770	740	770	1,430	1,030	1,490
22	1,570	1,120	1,180	1,220	1,160	860	749	740	770	1,420	1,070	1,510
23	1,580	1,120	968	1,220	1,160	1,210	710	740	770	1,440	1,100	1,510
24	1,580	1,120	1,070	1,220	1,130	1,550	748	740	976	1,460	1,110	1,510
25	1,590	1,120	1,070	1,220	1,070	1,330	770	740	1,510	1,480	1,080	1,520
26	1,580	1,120	1,070	1,220	1,070	1,130	806	740	1,510	1,430	1,110	1,480
27	1,580	1,120	1,370	1,220	1,070	1,070	830	740	1,480	1,290	1,110	1,470
28	1,570	1,120	1,550	1,180	1,070	1,070	830	778	1,460	1,280	1,120	1,470
29	1,550	1,120	1,340	1,130	------	1,070	830	800	1,470	1,250	1,130	1,460
30	1,560	1,120	1,220	1,130	------	1,010	830	800	1,480	1,200	1,130	1,470
31	1,560	------	1,220	1,130	------	950	------	800	------	1,270	1,150	------
TOTAL	49,410	37,290	37,088	37,510	28,829	30,758	26,266	24,292	27,490	40,650	32,948	37,910
MEAN	1,594	1,243	1,196	1,210	1,030	992	876	784	916	1,311	1,063	1,264
MAX	1,660	1,560	1,570	1,220	1,160	1,550	1,070	854	1,510	1,500	1,340	1,520
MIN	1,510	1,120	968	1,130	899	800	710	740	713	1,090	952	1,080
AC-FT	98,000	73,960	73,560	74,400	57,180	61,010	52,100	48,180	54,530	80,630	65,350	75,190

CAL YR 1973 TOTAL 480,463 MEAN 1,316 MAX 1,740 MIN 575 AC-FT 953,000
WTR YR 1974 TOTAL 410,441 MEAN 1,124 MAX 1,660 MIN 710 AC-FT 814,100

02313250 Withlacoochee River Bypass Channel near Inglis, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.02	26.83	27.05	27.03	26.94	27.08	27.12	27.21	27.16	26.68	26.34	25.85
2	27.00	26.79	27.04	27.05	26.93	27.03	27.16	27.20	27.14	26.60	26.23	25.82
3	26.96	26.75	27.05	27.06	26.95	27.03	27.17	27.19	27.17	25.95	25.89	25.80
4	26.91	26.72	27.04	27.06	26.96	27.03	27.16	27.20	27.18	25.75	25.93	25.85
5	26.93	26.67	27.04	27.07	27.00	27.03	27.18	27.17	27.18	26.04	25.88	25.89
6	27.04	26.80	27.07	27.05	27.03	27.03	27.18	27.24	27.21	26.19	25.76	25.84
7	26.98	26.90	27.11	27.04	27.03	27.03	27.18	27.20	27.21	26.16	25.61	25.73
8	26.95	26.93	26.94	27.05	27.08	27.03	27.12	27.20	27.20	26.18	25.50	25.82
9	26.95	26.94	26.97	27.04	27.18	27.03	27.14	27.27	27.19	26.16	25.44	25.90
10	26.90	26.98	27.17	27.04	27.19	27.03	27.23	27.23	27.19	25.95	25.40	25.90
11	26.86	26.97	27.22	27.03	27.20	27.03	27.25	27.20	27.18	25.98	25.41	25.91
12	26.82	26.95	27.28	27.04	27.18	27.08	27.24	27.13	27.17	26.12	25.43	25.90
13	26.79	26.95	27.28	27.04	27.15	27.17	27.20	27.25	27.17	26.13	25.46	25.86
14	26.89	26.94	27.26	27.03	27.12	27.21	27.06	27.23	27.17	26.11	25.47	25.85
15	26.97	26.93	27.23	27.01	27.11	27.23	27.04	27.18	27.21	26.13	25.49	25.81
16	27.03	26.93	27.24	26.99	27.07	27.22	27.08	27.18	27.16	26.19	25.48	25.83
17	27.04	26.97	27.00	26.98	27.12	27.20	27.06	27.22	27.11	26.33	25.42	25.85
18	26.90	26.96	26.84	26.99	27.17	27.18	27.09	27.25	27.11	26.44	25.39	25.91
19	26.79	26.99	26.75	26.99	27.17	27.16	27.13	27.25	27.15	26.54	25.40	26.26
20	26.72	27.04	26.67	26.98	27.28	27.16	27.20	27.26	27.17	26.54	25.46	26.39
21	26.79	27.04	26.58	26.95	27.28	27.13	27.23	27.26	27.17	26.54	25.61	26.67
22	26.84	27.06	26.83	26.96	27.18	27.19	27.23	27.25	27.18	26.52	25.70	26.72
23	26.86	27.09	27.08	26.95	27.18	27.04	27.31	27.26	27.14	26.55	25.77	26.72
24	26.87	27.09	27.08	26.95	27.18	26.80	27.36	27.27	27.14	26.60	25.79	26.72
25	26.88	27.07	27.12	26.94	27.13	26.84	27.39	27.28	26.72	26.64	25.73	26.74
26	26.87	27.08	27.17	26.91	27.13	26.98	27.35	27.27	26.71	26.54	25.79	26.64
27	26.86	27.08	27.01	26.89	27.13	27.01	27.32	27.27	26.65	26.22	25.81	26.62
28	26.85	27.06	26.80	26.88	27.08	27.00	27.30	27.31	26.60	26.21	25.83	26.62
29	26.81	27.06	26.88	26.92	------	26.96	27.25	27.26	26.63	26.13	25.84	26.60
30	26.82	27.06	26.99	26.93	------	27.00	27.22	27.24	26.65	26.02	25.86	26.63
31	26.82	------	27.01	26.93	------	27.11	------	27.20	------	26.18	25.90	------
MEAN	26.89	26.95	27.03	26.99	27.11	27.07	27.20	27.23	27.07	26.27	25.68	26.16
MAX	27.04	27.09	27.28	27.07	27.28	27.23	27.39	27.31	27.21	26.68	26.34	26.74
MIN	26.72	26.67	26.58	26.88	26.93	26.80	27.04	27.13	26.60	25.75	25.39	25.73

CAL YR 1973 MEAN 26.81 MAX 27.48 MIN 24.47
WTR YR 1974 MEAN 26.80 MAX 27.39 MIN 25.39

02313251 Withlacoochee River Bypass Channel below structure, near Inglis, Fla.

LOCATION.--Lat 29°01'15", long 82°38'20", in NE quarter sec.12, T.17 S., R.16 E., Levy County, at downstream side of control structure, 0.1 mi (0.2 km) upstream from mouth and 2.0 mi (3.2 km) east of Inglis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1969 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height, 5.28 ft (1.609 m) June 25; minimum, 1.45 ft (0.442 m) June 7.
Period of record: Maximum gage height, 7.01 ft (2.137 m) June 19, 1972; minimum, -1.97 ft (-0.600 m) July 15, 1970.

REMARKS.--Stage affected by tide and manipulation of gates in control structure. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.84	3.32	2.36	2.62	2.54	2.35	2.49	2.17	2.54	4.24	3.68	2.87
2	3.77	3.16	2.46	2.57	2.68	2.37	2.49	2.20	2.56	4.32	3.51	2.89
3	3.51	3.11	2.56	2.59	2.68	2.37	2.65	2.26	2.46	4.21	3.33	3.00
4	3.48	3.16	2.86	2.61	2.43	2.34	2.95	2.29	2.40	4.20	3.36	2.93
5	3.49	3.30	3.01	2.66	2.14	2.36	2.99	2.42	2.40	4.18	3.41	2.99
6	3.51	2.81	2.42	2.74	2.59	2.44	2.25	2.66	2.33	4.17	3.45	3.10
7	3.52	2.79	2.12	2.86	2.91	2.43	2.36	2.30	2.42	4.14	3.29	2.81
8	3.49	2.95	2.70	2.84	2.87	2.40	2.70	2.33	2.47	4.06	3.24	2.69
9	3.62	3.09	2.79	2.97	2.22	2.34	2.52	2.41	2.46	4.09	3.23	2.59
10	3.55	2.76	2.52	2.93	2.11	2.41	2.09	2.36	2.42	3.70	3.14	2.56
11	3.44	2.47	2.38	2.91	2.29	2.36	2.19	2.77	2.50	3.67	3.02	2.57
12	3.48	2.67	2.41	2.72	2.35	2.28	2.33	3.21	2.37	3.67	2.91	2.68
13	3.63	2.90	2.76	2.56	2.48	2.38	2.65	2.15	2.36	3.43	3.03	2.80
14	3.62	3.11	2.97	2.62	2.45	1.97	2.75	2.27	2.36	3.42	3.23	2.79
15	3.71	3.18	2.83	2.62	2.45	2.03	2.52	2.34	2.54	3.52	3.10	2.87
16	3.96	3.09	2.85	2.57	2.66	2.15	2.24	2.26	2.79	3.69	3.12	2.88
17	3.73	2.62	2.79	2.54	2.34	2.00	2.20	2.18	2.83	3.63	3.23	2.82
18	3.17	2.77	2.95	2.56	2.24	1.98	2.03	2.25	2.66	3.59	3.36	2.86
19	3.01	2.79	2.97	2.58	3.11	2.12	2.12	2.31	2.65	3.67	3.29	3.08
20	2.98	2.80	3.34	2.69	2.69	2.28	2.14	2.39	2.62	3.75	3.20	3.01
21	3.06	2.94	3.10	2.88	2.72	2.44	2.17	2.48	2.75	3.85	3.03	3.09
22	3.20	2.81	2.33	2.69	3.16	2.27	2.36	2.62	2.79	3.58	2.96	3.14
23	3.20	2.68	2.10	2.70	2.57	3.02	2.32	2.77	2.97	3.50	2.98	2.97
24	3.30	2.80	2.46	2.71	2.60	3.57	2.33	2.62	3.41	3.50	2.90	2.88
25	3.43	3.05	2.63	2.73	2.39	3.18	1.93	2.44	3.55	3.55	2.88	3.04
26	3.53	3.11	2.69	2.82	2.12	2.66	2.13	2.51	4.26	3.50	2.83	3.15
27	3.67	3.01	2.92	2.73	2.18	2.63	2.24	2.69	4.36	3.46	2.82	3.42
28	3.86	3.16	3.08	2.78	2.29	2.69	2.25	2.28	4.30	3.54	2.86	3.33
29	3.64	2.37	2.87	2.63	------	2.97	2.25	2.37	4.16	3.38	2.99	3.37
30	3.30	2.24	2.81	2.65	------	2.93	2.20	2.41	4.11	3.39	2.94	3.26
31	3.51	-----	2.77	2.59	------	2.55	------	2.50	------	3.46	2.83	------
MEAN	3.49	2.90	2.70	2.70	2.51	2.46	2.36	2.43	2.90	3.74	3.13	2.95
MAX	3.96	3.32	3.34	2.97	3.16	3.57	2.99	3.21	4.36	4.32	3.68	3.42
MIN	2.98	2.24	2.10	2.54	2.11	1.97	1.93	2.15	2.36	3.38	2.82	2.56

CAL YR 1973 MEAN 3.10 MAX 4.08 MIN 1.72
WTR YR 1974 MEAN 2.86 MAX 4.36 MIN 1.93

NOTE.--Estimated June 26 to Sept. 3.

02313265 Withlacoochee River at Crackertown, Fla.

LOCATION.--Lat 29°01'49", long 82°40'41", in NW quarter sec. 3, T.17 S., R.16 E., Levy County, near right bank at end of Florida Power Corp. powerplant bulkhead and pump outlet, 0.5 mi (0.8 km) west of Inglis, 0.7 mi (1.1 km) southeast of Crackertown, and 6.6 mi (10.6 km) upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1967 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

EXTREMES.--Current year: Maximum gage height, 4.45 ft (1.356 m) Oct. 29; minimum, -2.31 ft (-0.704 m) Apr. 26.
Period of record: Maximum gage height, 6.31 ft (1.923 m) June 19, 1972; minimum, -3.96 ft (-1.207 m) Dec. 17, 1972.

REMARKS.--Stage affected by tide and by manipulation of gates in control structures upstream. The stage record published is the maximum and minimum tide event for each calendar day.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.26	2.69	1.61	2.12	2.30	2.22	2.64	1.99	2.99	3.00	3.39	3.16
2	3.07	2.20	1.93	2.14	2.74	2.23	2.29	2.37	3.23	3.18	3.19	3.31
3	2.58	2.00	2.56	2.42	2.10	2.22	2.71	2.71	3.02	3.33	3.03	3.46
4	2.32	2.57	3.33	2.44	3.22	1.91	3.27	2.86	2.97	3.40	3.19	3.36
5	2.23	2.78	3.38	2.63	1.19	2.68	3.40	3.46	3.18	3.43	3.21	3.37
6	2.10	1.74	1.74	1.97	2.94	2.94	1.85	3.41	3.08	3.40	2.71	3.55
7	2.50	2.92	.59	3.26	3.74	3.16	2.88	3.05	3.22	3.25	2.71	2.91
8	2.44	2.93	1.82	3.52	3.86	2.72	3.70	3.25	3.04	2.92	2.50	2.79
9	2.89	3.48	2.65	3.40	2.33	2.68	2.92	3.24	2.76	2.75	2.56	2.44
10	2.97	3.30	3.30	3.42	1.84	2.76	2.11	2.95	2.68	2.65	2.75	2.51
11	2.77	1.36	2.63	3.35	2.38	2.58	2.62	3.86	2.53	2.94	2.60	2.71
12	2.78	2.03	2.68	2.68	2.39	3.14	2.57	4.15	2.20	2.90	2.41	2.91
13	3.28	3.16	3.29	2.01	2.38	2.92	2.79	1.94	2.33	1.94	2.75	3.49
14	3.49	3.60	3.59	2.50	2.29	1.64	2.11	1.89	2.69	2.58	3.14	3.47
15	3.56	3.55	2.74	2.29	1.90	2.03	1.77	1.99	2.82	2.80	3.50	3.50
16	4.09	3.48	2.42	2.00	2.90	2.16	1.64	2.16	2.94	3.31	3.63	3.41
17	3.80	2.12	1.27	2.04	1.43	.95	1.44	2.45	3.18	3.44	3.71	3.39
18	1.90	2.85	1.45	2.20	1.60	.96	1.71	2.77	3.12	3.56	3.80	3.52
19	1.66	2.83	2.60	1.39	3.97	1.73	2.51	3.10	3.52	3.80	3.28	3.52
20	1.78	3.23	3.52	2.24	3.42	2.42	2.57	3.53	3.57	3.90	3.14	3.20
21	1.81	3.31	.83	3.24	2.62	2.66	3.06	3.39	3.74	3.76	2.82	2.80
22	2.27	2.56	.69	2.82	3.34	3.20	3.66	3.93	3.77	3.28	2.90	2.90
23	2.27	3.06	1.50	2.86	1.88	3.58	3.61	4.29	3.73	2.97	2.80	2.08
24	2.52	3.10	2.32	2.86	2.38	3.20	3.29	3.60	3.65	2.80	2.55	2.05
25	3.01	3.83	2.86	2.98	2.19	2.94	2.40	3.34	3.66	2.95	2.68	2.40
26	3.50	3.96	3.01	2.78	.90	2.54	2.94	3.38	2.98	2.79	2.31	2.92
27	3.71	3.75	2.77	2.70	1.78	2.98	2.66	3.23	3.27	2.95	2.34	3.76
28	4.09	4.09	2.20	3.04	2.15	3.10	2.75	2.29	2.92	3.08	2.67	3.29
29	4.45	2.01	2.32	2.59	------	3.39	2.31	2.28	2.71	2.42	2.94	3.39
30	2.87	1.05	2.46	2.60	------	3.13	2.23	2.63	2.80	2.79	3.10	3.06
31	3.25	------	2.48	2.34	------	2.31	------	2.76	------	3.10	3.23	------
MEAN	2.88	2.85	2.34	2.61	2.43	2.55	2.61	2.98	3.08	3.08	2.95	3.09
MAX	4.45	4.09	3.59	3.52	3.97	3.58	3.70	4.29	3.77	3.90	3.80	3.76
MIN	1.66	1.05	.59	1.39	.90	.95	1.44	1.89	2.20	1.94	2.31	2.05

CAL YR 1973 MEAN 2.90 MAX 4.85 MIN .59
WTR YR 1974 MEAN 2.79 MAX 4.45 MIN .59

02313265 Withlacoochee River at Crackertown, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-.12	-.34	-.96	-.28	-.70	-1.42	-.90	-.91	-1.07	-.46	-.10	-.79
2	.00	-.10	-.46	-.71	-.90	-1.33	-.44	-1.10	-1.33	-.59	-.70	-.50
3	-.13	-.32	-.02	-1.27	-.55	-1.45	-.63	-1.15	-1.52	-.75	-.70	-.42
4	-.21	.04	.21	-1.21	-1.30	-1.63	-.15	-1.44	-1.71	-.79	-.76	-.43
5	-.23	.53	.54	-1.53	-2.20	-1.72	-.54	-1.05	-1.40	-.58	-.30	-.26
6	-.15	-.38	-.77	-1.64	-1.12	-1.71	-2.00	-1.45	-1.49	.37	-.15	.30
7	-.25	-.70	-2.06	-1.54	-.71	-1.72	-1.16	-1.64	.17	-.52	-.74	.07
8	-.05	-.86	-1.86	-1.68	-.49	-1.61	-.40	-.15	-1.22	-.50	-.56	-.19
9	.10	-.96	-1.43	-1.54	-.39	-1.45	-.29	-1.55	-1.29	-.46	-.58	-.44
10	-.31	-1.76	-1.88	-1.36	-.45	-1.28	-1.69	-1.44	-1.00	-.30	-.65	-.89
11	-.59	-1.92	-2.05	-1.11	-1.10	-1.59	-2.03	-1.18	-.86	.20	-.88	-.99
12	-.68	-1.79	-1.79	-1.10	-1.10	-1.13	-1.31	.51	-.48	.00	-1.18	-.77
13	-.62	-1.09	-.97	-1.18	-.73	-.80	-.64	-.33	-.39	-.30	-1.17	-.90
14	-.52	-.77	-.64	-1.26	-.40	-1.90	-.27	-.98	-.55	-.42	-1.16	-.94
15	-.47	-.21	-.31	-.83	-.47	-1.85	-.19	-.48	-.60	-.60	-1.28	-.76
16	-.05	-.22	.44	-.86	-.42	-.83	-.54	-.50	-1.00	-.78	-1.35	-.88
17	-.25	-.30	-.52	-.92	-1.20	-1.00	-.96	-1.08	-1.14	-.90	-1.13	-.83
18	-.70	.00	-.72	-1.26	-1.30	-1.52	-1.32	-1.20	-1.47	-.85	-.88	-.75
19	-.99	.23	-1.00	-1.63	-.32	-1.22	-.93	-1.48	-1.67	-.73	-.69	-.63
20	-.74	-.44	-.59	-1.42	-1.04	-.75	-1.55	-1.56	-1.53	-.60	-.79	-.37
21	-.38	-.47	-.21	-.90	-1.03	-.41	-1.63	-1.48	-.11	.36	-.88	-.23
22	-.32	-.75	-1.57	-1.42	.12	-1.33	-1.33	-1.27	-1.48	-.19	-.82	.09
23	-.49	-1.29	-1.77	-1.40	-1.32	-.40	-1.62	.88	-.91	-.42	-.83	-.27
24	-.62	-1.28	-1.50	-1.41	-1.04	.00	-.55	-1.11	-.39	-.17	-.55	-.20
25	-.48	-.69	-1.19	-1.28	-1.50	-1.19	-1.73	-1.33	1.03	-.12	-.39	.04
26	-.48	-.73	-.77	-.94	-1.59	-.51	-2.31	-1.19	.40	.10	-.53	.26
27	-.42	-.67	-.56	-.91	-1.89	-1.59	-1.73	-.28	.48	-.15	-.78	.41
28	-.19	-.08	-1.02	-.58	-1.60	-1.43	-1.75	-.96	.02	-.25	-.69	.11
29	-.40	-2.05	-.99	-.40	------	-.99	-1.20	-.61	-.31	-.57	-.61	.10
30	-.41	-1.50	-.81	-.40	------	-.30	-1.04	-.64	-.48	-.62	-.84	-.56
31	.01	------	-.33	-.35	------	-.22	------	-.94	------	-.58	-.76	------
MEAN	-.36	-.70	-.89	-1.11	-.96	-1.17	-1.09	-.94	-.78	-.39	-.76	-.39
MAX	.10	.53	.54	-.28	.12	0	-.15	.88	1.03	.37	-.10	.41
MIN	-.99	-2.05	-2.06	-1.68	-2.20	-1.90	-2.31	-1.64	-1.71	-.90	-1.35	-.99

CAL YR 1973 MEAN -.68 MAX 2.10 MIN -2.06
WTR YR 1974 MEAN -.79 MAX 1.03 MIN -2.31

02313448 Little Waccasassa River near Bronson, Fla.

LOCATION.--Lat 29°28'34", long 82°41'13", in NW quarter sec. 2, T.12 S., R.16 E., Levy County, at bridge on U. S. Highway Alternate 27, 2.8 mi (4.5 km) upstream from mouth and 3.7 mi (6.0 km) northwest of Bronson.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--November 1966 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 148 cfs (4.19 cu m/s) Feb. 4, 1970; no flow observed in 1968, 1969, 1971, and 1974.

REMARKS.--Discharge at this station included in peak discharge at Waccasassa River near Bronson (sta 02313400).

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 4	**0	Jan. 16	**0.02	May 8	0
Nov. 20	0	Mar. 12	0	June 25	0.8
Aug. 27	5.2				

** Field estimate.

02313450 Blue Spring near Bronson, Fla.

LOCATION.--Lat 29°27'02", long 82°41'57", in SW quarter sec.10, T.12 S., R.16 E., Levy County, on south side of pool at spring at head of unnamed run, 0.4 mi (0.6 km) upstream from mouth and 3.8 mi (6.1 km) west of Bronson.

PERIOD OF RECORD.--1932 (one field estimate), September 1966 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Observations of stage made only when discharge measurements are made.

AVERAGE DISCHARGE.--56 measurements, 8.87 cfs, 5.73 mgd (0.251 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 22 cfs (0.62 cu m/s) Feb. 15, 1967; maximum gage height observed, 40.97 ft (12.488 m) Feb. 19, 1970; minimum discharge measured, 4.5 cfs (0.13 cu m/s) June 28, 1973; minimum gage height observed, 39.04 ft (11.899 m) May 8, 1968.

REMARKS.--Spring is subject to backwater from Waccasassa River.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 4	8.2	Mar. 14	7.4	July 3	8.3
Nov. 21	8.0	May 9	8.0	Aug. 27	11
Jan. 18	12				

02313600 Wekiva Springs near Gulf Hammock, Fla.

LOCATION.--Lat 29°16'49", long 82°39'23", in SW quarter sec. 7, T.14 S., R.17 E., Levy County, at head of Wekiva River, 4.5 mi (7.2 km) northeast of Gulf Hammock.

PERIOD OF RECORD.--1917, 1929, 1931-32, 1946, 1956, 1960, 1963-65, 1967 to current year (one to three discharge measurements each water year).

AVERAGE DISCHARGE.--31 measurements, 55.7 cfs, 36.0 mgd (1.577 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 100 cfs (2.83 cu m/s) Feb. 1, 1929; minimum measured, 29 cfs (0.82 cu m/s) June 19, 1967.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 5	57	May 8	59

02313700 Waccasassa River near Gulf Hammock, Fla.

LOCATION.--Lat 29°12'14", long 82°46'09", in SW quarter sec. 2, T.15 S., R.15 E., Levy County, near right bank at abandoned railroad grade, 0.5 mi (0.8 km) upstream from Otter Creek, 3.6 mi (5.8 km) upstream from mouth, and 4 mi (6 km) southwest of Gulf Hammock.

DRAINAGE AREA.--480 sq mi (1,240 sq km), approximately, including that of Otter Creek.

PERIOD OF RECORD.--March 1963 to current year.

GAGE.--Water-stage and deflection-meter recorder. Datum of gage is 0.51 ft (0.155 m) below mean sea level.

AVERAGE DISCHARGE.--11 years, 345 cfs (9.770 cu m/s) 250,000 acre-ft/yr (308 cu hm/yr).

EXTREMES.--Current year: Maximum daily discharge, 941 cfs (26.6 cu m/s) Aug. 9; maximum gage height, 4.26 ft (1.298 m) May 12; maximum daily reverse flow, 203 cfs (5.75 cu m/s) May 22; minimum gage height, -1.97 ft (-0.600 m) Nov. 11.
Period of record: Maximum discharge, 12,200 cfs (346 cu m/s) Sept. 12, 1964 (gage height, 6.96 ft or 2.121 m); maximum daily reverse flow, 1,810 cfs (51.2 cu m/s) June 9, 1966; minimum gage height, -2.67 ft (-0.814 m) Sept. 9, 1965.

REMARKS.--Records fair. Flow affected by tide. Discharge computed from continuous velocity record obtained from recording deflection meter. Records include flow of Otter Creek. Above bankfull stage, discharge measurements are made along abandoned railroad fill and include all flow from about 1.5 mi (2.4 km) northwest to 0.8 mi (1.3 km) northeast of gaging station. The stage record published is the maximum and minimum tide event for each calendar day.

REVISIONS (WATER YEARS).--WRD Fla. 1970: 1969. WRD Fla. 1972: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	366	113	191	43	144	102	108	62	74	251	-8.5
2	86	224	108	202	-11	126	295	115	38	77	348	126
3	160	79	51	127	102	99	65	78	153	146	153	-72
4	197	37	-20	141	313	34	52	75	29	108	218	36
5	131	144	64	172	98	93	199	7.3	15	66	129	68
6	106	197	366	192	26	29	159	178	-15	43	265	-14
7	118	90	146	203	18	90	11	128	1.9	143	664	307
8	77	15	149	116	33	98	145	116	23	205	912	398
9	46	158	111	77	100	76	73	-31	36	300	941	467
10	72	223	227	46	56	140	62	22	76	397	828	530
11	198	79	181	197	67	91	109	-67	9.4	403	691	594
12	92	77	122	145	77	155	137	28	107	371	628	588
13	21	81	62	73	69	138	95	258	142	464	679	686
14	25	-.90	160	71	82	104	199	114	26	376	571	661
15	19	24	46	86	160	139	139	116	71	316	586	496
16	.40	132	346	101	-19	121	199	72	70	199	360	281
17	85	154	186	91	279	209	186	69	81	81	469	156
18	134	1.7	208	157	72	148	141	107	50	33	194	223
19	83	87	151	241	221	108	49	71	-68	1.8	263	253
20	80	96	49	219	123	30	23	-5.0	37	8.6	329	306
21	82	57	393	220	292	120	47	19	18	-21	402	443
22	71	46	163	193	94	189	40	-203	36	114	350	390
23	30	157	186	149	269	260	-2.4	6.7	-21	32	386	398
24	29	8.4	181	105	117	881	29	100	75	86	318	333
25	116	-9.4	195	41	177	891	99	59	356	98	280	234
26	51	32	160	102	159	868	54	-.10	400	181	299	94
27	69	80	259	48	121	482	75	102	208	179	223	61
28	-16	-5.7	291	12	145	485	69	77	326	405	143	250
29	292	121	259	119	------	270	96	56	300	568	114	107
30	127	165	189	137	------	88	113	90	312	558	107	265
31	-91	------	108	75	------	460	------	67	------	471	39	------
TOTAL	2,528.40	2,915.10	5,210	4,049	3,283	7,166	3,059.6	1,932.90	2,954.3	6,483.4	12,140	8,656.5
MEAN	81.6	97.2	168	131	117	231	102	62.4	98.5	209	392	289
MAX	292	366	393	241	313	891	295	258	400	568	941	686
MIN	-91	-9.4	-20	12	-19	29	-2.4	-203	-68	-21	39	-72
AC-FT	5,020	5,780	10,330	8,030	6,510	14,210	6,070	3,830	5,860	12,860	24,080	17,170

CAL YR 1973 TOTAL 94,042.20 MEAN 258 MAX 1,700 MIN -91 AC-FT 186,500
WTR YR 1974 TOTAL 60,378.20 MEAN 165 MAX 941 MIN -203 AC-FT 119,800

NOTE.--Negative figures indicate reverse flow.

02313700 Waccasassa River near Gulf Hammock, Fla.

MAXIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.10	2.70	1.90	2.37	2.68	2.50	2.92	2.45	3.12	2.90	3.46	3.00
2	2.98	2.32	2.30	2.39	3.09	2.51	2.93	2.66	3.22	3.03	3.23	3.12
3	2.55	2.22	2.73	2.62	2.64	2.50	2.91	2.88	3.13	3.21	2.97	3.18
4	2.36	2.64	3.28	2.60	3.22	2.33	3.38	2.98	3.00	3.18	3.07	3.03
5	2.27	2.89	3.16	2.15	1.76	2.79	3.43	3.35	3.17	3.17	3.03	3.05
6	2.09	2.71	2.00	2.77	2.93	2.92	1.62	3.31	3.10	3.17	2.89	3.46
7	2.44	2.59	2.06	3.11	3.45	2.87	2.85	3.01	3.21	3.11	2.82	3.06
8	2.53	2.92	1.94	3.19	3.54	2.76	3.46	3.22	3.04	2.89	2.79	3.02
9	2.75	3.17	2.59	3.12	2.34	2.78	2.82	3.13	2.88	2.76	2.89	2.72
10	2.77	2.87	3.07	3.13	2.16	2.83	2.35	3.05	2.80	2.73	2.88	2.64
11	2.62	1.38	2.58	3.13	2.50	2.85	2.78	3.67	2.75	2.91	2.82	2.83
12	2.71	2.20	2.66	2.70	2.67	3.12	2.81	4.26	2.48	2.82	2.68	2.93
13	3.00	3.00	3.15	2.23	2.73	2.90	2.90	2.25	2.62	2.12	2.85	3.29
14	3.25	3.30	3.34	2.66	2.62	1.77	2.46	2.35	2.77	2.72	3.20	3.20
15	3.22	3.39	2.88	2.47	2.35	2.45	2.27	2.42	2.91	2.93	3.30	3.25
16	3.54	3.31	2.55	2.24	2.98	2.59	1.87	2.57	3.07	3.19	3.36	3.14
17	3.35	2.34	1.31	2.22	3.01	1.50	1.80	2.74	3.11	3.19	3.35	3.15
18	1.74	2.93	1.69	1.55	2.76	1.60	1.91	2.88	3.06	3.17	3.48	3.24
19	1.41	2.92	2.68	2.41	3.70	2.15	2.66	3.11	3.28	3.27	3.13	3.21
20	1.68	2.86	2.88	2.52	3.39	2.78	2.65	3.28	3.26	3.38	3.03	3.08
21	1.81	3.21	3.38	3.23	2.69	3.05	2.98	3.21	3.31	3.32	2.83	2.86
22	2.30	3.23	1.15	2.81	3.31	2.84	3.34	3.50	3.36	2.96	2.86	2.98
23	2.18	2.93	1.80	2.89	2.18	3.51	3.26	3.68	3.46	2.79	2.77	2.01
24	2.50	2.96	2.50	2.82	2.42	2.99	3.11	3.36	3.53	2.73	2.64	1.90
25	2.86	3.45	2.92	2.84	2.05	3.07	2.51	3.25	3.25	2.84	2.80	2.43
26	3.15	3.43	3.04	2.75	1.04	2.75	2.91	3.36	2.94	2.87	2.60	2.92
27	3.29	3.42	2.99	2.71	2.09	3.05	2.75	3.16	3.09	2.99	2.59	3.50
28	3.51	3.69	2.31	2.96	2.51	3.17	2.83	2.52	2.89	2.98	2.79	3.20
29	3.52	1.97	2.49	2.73	------	3.39	2.46	2.62	2.79	2.61	3.00	3.16
30	2.79	1.33	2.69	2.86	------	3.31	2.61	2.80	2.80	2.88	3.06	2.85
31	3.31	------	2.81	2.67	------	2.69	------	2.85	------	3.09	3.03	------
MEAN	2.70	2.81	2.54	2.67	2.67	2.72	2.72	3.03	3.05	2.96	2.97	2.98
MAX	3.54	3.69	3.38	3.23	3.70	3.51	3.46	4.26	3.53	3.38	3.48	3.50
MIN	1.41	1.33	1.15	1.55	1.04	1.50	1.62	2.25	2.48	2.12	2.59	1.90

CAL YR 1973 MEAN 2.89 MAX 4.40 MIN .72
WTR YR 1974 MEAN 2.82 MAX 4.26 MIN 1.04

02313700 Waccasassa River near Gulf Hammock, Fla.

MINIMUM GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-.12	-.48	-.67	.03	-.63	-1.13	-.40	-.51	-.49	-.65	.67	-.43
2	-.17	-.12	-.04	-.64	-.74	-1.03	.05	-.44	-.56	-.61	.70	-.22
3	-.30	-.45	.25	-1.06	.03	-1.13	-.03	-.40	-.83	-.45	-.30	.03
4	-.47	.07	.53	-.94	-1.33	-1.17	.93	-.75	-.96	-.55	-.40	-.14
5	-.50	.66	1.04	-1.20	-1.87	-1.07	-.19	-.10	-.79	-.36	-.32	.11
6	-.49	-.25	-.31	-1.19	-.58	-.92	-1.20	-.28	.38	-.40	.20	1.19
7	-.45	-.47	-1.44	-.96	.60	-.95	-1.56	-.47	-.70	.06	-.18	.50
8	-.18	-.53	-1.25	-1.07	.81	-.87	-.74	-.78	-.58	-.46	.21	.25
9	.06	-.39	-1.28	-.76	-.92	-.84	-.12	-.77	-.64	-.45	.36	-.19
10	-.45	-1.70	-1.05	-.75	-1.13	-.84	-1.19	-.76	-.46	-.14	.30	-.49
11	-.80	-1.97	-1.62	-.33	-.69	-.96	-1.52	-.57	-.14	.26	-.18	-.57
12	-.80	-1.37	-1.16	-.84	-.74	-.87	-.89	2.35	-.12	.18	-.40	-.14
13	-.59	-.68	-.28	-1.02	-.64	-.21	-.34	-.01	.00	-.46	-.31	.26
14	-.40	-.31	-.12	-1.07	-.35	-1.25	-.09	-.56	-.08	-.38	-.19	.05
15	-.40	.27	-.04	-.69	-.15	-1.55	.09	-.09	-.26	-.56	-.10	.01
16	.27	.25	.33	-.70	-.16	-.40	-.40	.03	-.40	-.57	-.20	-.10
17	-.39	-.12	-.81	-.79	-.85	-.94	-.73	-.54	-.52	-.78	.09	-.17
18	-1.13	.03	-1.03	-1.07	-.99	-1.26	-1.20	-.65	-.80	-.79	.20	.02
19	-1.43	.52	-1.27	-1.24	.58	-.81	-.56	-.73	-.84	.06	.17	-.10
20	-.92	-.08	-.53	-1.05	-.32	-.23	-.89	-.68	-.80	-.60	.01	-.06
21	-.58	.12	-.39	-.20	-.65	.33	-.90	-.66	-.77	-.60	-.39	-.23
22	-.67	-.09	-1.80	-.95	.68	-.70	.42	.92	-.63	-.03	-.44	.13
23	-.66	-.58	-1.29	-.91	-1.12	.15	-.31	-.14	-.05	-.48	-.53	-.57
24	-.82	-.67	-1.13	-.84	-.76	.20	-.65	.27	.64	-.33	-.35	-.67
25	-.57	.18	-.73	-.72	-1.24	-.31	-1.08	-.35	1.07	-.27	-.19	-.14
26	-.34	.30	-.28	-.46	-1.57	-.43	-1.49	-.48	.36	-.16	-.33	.22
27	-.12	.34	-.34	-.41	-1.64	-.81	-1.06	.71	.24	-.08	-.63	1.05
28	.26	1.48	-1.08	-.28	-1.28	-.71	-1.08	-.52	-.12	-.04	-.43	.37
29	.08	-1.77	-.69	-.20	------	-.19	-.62	-.20	-.55	-.36	-.29	.43
30	-.27	-1.16	-.39	-.08	------	.55	-.59	-.06	-.73	-.38	-.52	-.51
31	.43	------	-.08	-.09	------	.17	------	-.38	------	-.26	-.47	------
MEAN	-.42	-.30	-.61	-.73	-.63	-.65	-.61	-.25	-.34	-.34	-.14	.00
MAX	.43	1.48	1.04	.03	.81	.55	.93	2.35	1.07	.26	.70	1.19
MIN	-1.43	-1.97	-1.80	-1.24	-1.87	-1.55	-1.56	-.78	-.96	-.79	-.63	-.67

CAL YR 1973 MEAN -.41 MAX 2.90 MIN -1.97
WTR YR 1974 MEAN -.42 MAX 2.35 MIN -1.97

02314200 Tenmile Creek at Lebanon Station, Fla.

LOCATION.--Lat 29°09'39, long 82°38'21", in SE quarter sec.24, T.15 S., R.16 E., Levy County, near center of span on downstream side of bridge on U.S. Highways 19 and 98, just downstream from North Prong Tenmile Creek, 0.2 mi (0.3 km) south of Lebanon Station, 9.4 mi (15.1 km) upstream from mouth, and 13 mi (21 km) northwest of Dunnellon.

DRAINAGE AREA.--26 sq mi (67 sq km), approximately; 34 sq mi (88 sq km), approximately, including Horse Hole Creek.

PERIOD OF RECORD.--October 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 15.00 ft (4.572 m) above mean sea level.

AVERAGE DISCHARGE.--11 years, 41.4 cfs (1.172 cu m/s), 29,990 acre-ft/yr (37.0 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 341 cfs (9.66 cu m/s) Aug. 6 (gage height, 8.67 ft or 2.643 m); minimum, 0.07 cfs (0.002 cu m/s) June 2, 12-14 (gage height, 3.04 ft or 0.927 m).

Period of record: Maximum discharge, 4,290 cfs (121 cu m/s) Sept. 11, 1964 (gage height, 12.38 ft or 3.773 m); no flow for many days in 1964, 1967; minimum gage height. 3.04 ft (0.927 m) June 2, 12-14, 1974.

Period of record: (Horse Hole Creek): Maximum discharge measured, 1,270 cfs (36.0 cu m/s) Sept. 11 1964 (elevation, 26.56 ft or 8.095 m above mean sea level); no flow at times each year (dry).

REMARKS.--Records fair. Records do not include considerable amount of water diverted naturally above station into Horse Hole Creek basin. Discharge measurements of Horse Hole Creek, drainage area 8.1 sq mi (21.0 sq km), approximately, are made at bridge on U.S. Highways 19 and 98, 1.9 mi (3.1 km) south of Tenmile Creek station.

Discharge measurements, in cubic feet per second, of Horse Hole Creek near Lebanon Station for water year 1973-74 are given in table below.

Oct. 5	3.5	Mar. 13	0	June 18	0
Nov. 20	**.01	May 8	0	Aug. 20	2.2
Jan. 16	**.01				

**Field estimate

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	51	.25	.14	6.5	.62	1.8	2.7	.15	.08	1.1	83	3.7
2	35	.23	.14	6.2	.59	1.6	2.1	.15	.08	1.9	69	2.6
3	25	.22	.14	5.7	.56	1.4	1.5	.15	.08	55	68	2.3
4	18	.21	.13	5.2	.50	1.2	.91	.14	.08	35	61	1.5
5	14	.21	.13	4.8	.40	.95	.72	.13	.11	17	140	2.2
6	10	.21	.14	4.4	.36	.81	.57	.19	.13	11	310	7.5
7	7.8	.20	.13	4.1	.34	.69	.41	.16	.10	9.0	254	30
8	6.5	.19	.23	3.7	.42	.56	.36	.14	.09	9.7	215	26
9	5.0	.19	.20	3.4	.38	.42	.30	.14	.09	21	203	24
10	3.8	.18	.19	3.0	.30	.34	.25	.13	.09	19	130	34
11	2.8	.17	.18	2.6	.28	.29	.20	.12	.08	12	90	34
12	2.1	.18	.18	2.3	.26	.26	.18	.19	.07	10	74	29
13	1.6	.18	.18	2.1	.25	.25	4.6	.16	.07	20	77	25
14	1.1	.18	.21	2.0	.24	.21	8.0	.14	.07	14	59	25
15	.81	.17	.20	1.9	.23	.19	4.9	.14	.13	8.3	37	22
16	.62	.17	.86	1.8	.22	.18	3.2	.13	.14	5.5	28	18
17	.47	.17	1.9	1.6	.22	.17	2.4	.13	.13	4.1	25	16
18	.38	.17	1.2	1.7	.19	.16	1.6	.14	.10	8.4	25	14
19	.32	.17	.73	1.7	.36	.16	.93	.12	.10	7.1	21	17
20	.29	.16	1.2	1.7	6.0	.16	.55	.11	.19	4.7	17	15
21	.27	.15	4.5	1.6	6.3	.17	.37	.10	.86	27	14	12
22	.26	.14	3.7	1.4	5.0	.17	.27	.10	.38	174	13	12
23	.25	.13	3.1	1.3	4.3	8.6	.51	.15	.19	85	11	9.4
24	.24	.14	2.4	1.2	3.6	25	1.5	.15	1.7	42	12	7.6
25	.23	.14	2.0	1.1	3.1	17	1.0	.14	12	72	13	6.4
26	.23	.13	1.9	1.0	2.5	10	.58	.13	7.9	45	12	5.4
27	.23	.13	12	.86	2.1	8.1	.35	.16	25	30	9.6	5.0
28	.22	.15	11	.77	1.9	6.7	.25	.14	15	114	7.8	4.2
29	.22	.15	8.1	.77	------	5.7	.19	.12	5.8	234	6.4	3.2
30	.21	.14	7.1	.73	------	4.8	.16	.10	2.5	176	5.5	2.6
31	.23	------	6.9	.66	------	3.6	------	.09	------	120	4.7	------
TOTAL	189.18	5.21	71.11	77.79	41.52	101.64	41.56	4.24	73.34	1,392.8	2,095.0	416.6
MEAN	6.10	.17	2.29	2.51	1.48	3.28	1.39	.14	2.44	44.9	67.6	13.9
MAX	51	.25	12	6.5	6.3	25	8.0	.19	25	234	310	34
MIN	.21	.13	.13	.66	.19	.16	.16	.09	.07	1.1	4.7	1.5
AC-FT	375	10	141	154	82	202	82	8.4	145	2,760	4,160	826

CAL YR 1973 TOTAL 7,421.77 MEAN 20.3 MAX 243 MIN .04 AC-FT 14,720
WTR YR 1974 TOTAL 4,509.99 MEAN 12.4 MAX 310 MIN .07 AC-FT 8,950

PEAK DISCHARGE (BASE, 300 CFS).--Aug. 6 (1500) 341 cfs (8.67 ft).

02314986 Rocky Creek near Belmont, Fla.

LOCATION.--Lat 30°32'40", long 82°44'02", in SE quarter sec. 29, T.2 N., R.16 E., Hamilton County, at bridge on county road, 1.3 mi (2.1 km) upstream from mouth, 3.0 mi (4.8 km) north of Belmont, and 12 mi (19 km) east of Bakers Mill.

DRAINAGE AREA.--60 sq mi (155 sq km), approximately.

PERIOD OF RECORD.--August 1970 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 2,410 cfs (68.3 cu m/s) Apr. 6, 1973; no flow observed, Dec. 7, 1973.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 2	5.0	Feb. 13	13	June 4	.69
Dec. 7	0	Apr. 3	22	Aug. 7	1.3

02315005 Hunter Creek near Belmont, Fla.

LOCATION.--Lat 30°29'08", long 82°42'44", in SE quarter sec. 16, T.1 N., R.16 E., Hamilton County, at bridge on State Highway 135, 0.7 mi (1.1 km) upstream from mouth, 1.6 mi (2.6 km) southeast of Belmont, and 12 mi (19 km) east of Bakers Mill.

DRAINAGE AREA.--25 sq mi (65 sq km), approximately.

PERIOD OF RECORD.--1970 (one discharge measurement), August 1971 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 425 cfs (12.0 cu m/s) June 26, 1972; minimum measured, 2.9 cfs (0.082) Oct. 2, 1973.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 2	2.9	Feb. 15	32	June 6	22
Dec. 7	14	Apr. 3	37	Aug. 7	7.1

02315500 Suwannee River at White Springs, Fla.

LOCATION.--Lat 30°19'32", long 82°44'18", in SW quarter sec.8, T.2 S., R.16 E., Columbia County, on left bank at downstream side of bridge on U.S. Highway 41, 1.0 mi (1.6 km) southeast of White Springs.

DRAINAGE AREA.--2,390 sq mi (6,190 sq km), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--May 1906 to December 1908, February 1927 to current year.

GAGE.--Water-stage recorder. Datum of gage is 48.54 ft (14.795 m) above mean sea level (Corps of Engineers bench mark). Prior to July 31, 1932, nonrecording gage at site 1.0 mi (1.6 km) downstream at same datum.

AVERAGE DISCHARGE.--49 years, 1,867 cfs (52.87 cu m/s), 10.61 in/yr (269 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,290 cfs (121 cu m/s) Sept. 15 (gage height, 14.72 ft or 4.487 m); estimated minimum, 120 cfs (3.40 cu m/s) Dec. 7 (gage height, 2.30 ft or 0.701 m).
Period of record: Maximum discharge, 38,100 cfs (1,080 cu m/s) Apr. 10, 1973 (gage height, 40.02 ft or 12.198 m); minimum 4.8 cfs (0.14 cu m/s) Nov. 15, 1931; minimum gage height, 1.05 ft (0.320 m) June 24-26, 1955.

REMARKS.--Records good except those for period of no gage-height record, which are fair.

REVISIONS (WATER YEARS).--WSP 1504: 1906, 1908. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	590	260	150	487	625	997	1,000	531	480	583	588	2,090
2	572	260	145	488	612	977	960	481	431	537	557	2,080
3	562	250	140	489	595	952	975	433	391	491	576	2,080
4	550	240	135	488	625	920	925	399	366	482	527	2,090
5	538	230	130	486	670	882	1,040	380	333	651	481	2,390
6	528	216	125	484	678	840	1,170	342	298	775	475	3,210
7	520	210	120	485	690	797	1,090	327	276	831	485	4,070
8	530	200	130	486	768	752	1,050	297	272	848	488	4,160
9	540	200	140	488	857	714	1,040	268	244	952	580	3,930
10	550	210	145	491	875	674	1,010	238	261	1,100	855	3,900
11	550	200	150	500	860	637	986	209	316	1,110	924	3,930
12	530	190	151	517	831	604	978	557	299	1,070	836	4,010
13	510	180	148	540	811	571	979	894	275	1,020	760	4,130
14	490	175	147	559	800	535	988	846	250	952	724	4,230
15	470	170	146	572	789	501	1,000	808	325	887	737	4,280
16	450	170	168	577	812	474	1,060	881	342	821	748	4,280
17	430	165	211	574	877	450	1,110	838	407	759	824	4,240
18	410	160	216	568	896	420	1,150	805	418	708	941	4,190
19	390	160	247	560	911	391	1,140	833	392	658	987	4,160
20	400	165	256	550	914	369	1,110	812	364	616	1,040	4,130
21	380	160	253	545	920	367	1,080	747	337	575	1,160	4,100
22	360	170	248	537	963	378	1,050	690	323	541	1,310	4,050
23	345	170	249	527	1,000	383	1,040	656	314	501	1,450	3,960
24	330	165	249	519	1,020	407	998	649	386	466	1,530	3,850
25	320	160	251	509	1,030	397	925	635	437	445	1,870	3,720
26	310	155	254	495	1,030	711	852	626	497	423	1,990	3,560
27	300	150	312	482	1,020	786	777	632	555	441	2,110	3,390
28	290	150	392	474	1,010	799	704	627	566	485	2,180	3,220
29	280	155	428	538	------	954	642	599	611	558	2,170	3,080
30	270	160	474	595	------	1,060	587	566	614	595	2,140	2,950
31	260	------	488	652	------	1,060	------	524	------	640	2,110	------
TOTAL	13,555	5,606	6,798	16,262	23,489	20,759	29,416	18,130	11,380	21,521	34,153	107,460
MEAN	437	187	219	525	839	670	981	585	379	694	1,102	3,582
MAX	590	260	488	652	1,030	1,060	1,170	894	614	1,110	2,180	4,280
MIN	260	150	120	474	595	367	587	209	244	423	475	2,080
CFSM	.18	.08	.09	.22	.35	.28	.41	.24	.16	.29	.46	1.50
IN.	.21	.09	.11	.25	.37	.32	.46	.28	.18	.33	.53	1.67

CAL YR 1973 TOTAL 1,668,747 MEAN 4,572 MAX 38,000 MIN 120 CFSM 1.91 IN 25.97
WTR YR 1974 TOTAL 308,529 MEAN 845 MAX 4,280 MIN 120 CFSM .35 IN 4.80

NOTE.--No gage-height record Nov. 7 to Dec. 11.

02315500 Suwannee River at White Springs, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.40	3.05	2.55	3.97	4.52	5.82	5.83	4.15	3.94	4.35	4.37	8.98
2	4.31	3.05	2.50	3.98	4.47	5.76	5.70	3.95	3.75	4.17	4.25	8.95
3	4.27	3.00	2.45	3.98	4.40	5.67	5.75	3.75	3.59	3.99	4.33	8.95
4	4.22	3.00	2.45	3.97	4.52	5.57	5.59	3.62	3.49	3.95	4.13	8.98
5	4.17	2.95	2.40	3.96	4.70	5.45	5.94	3.55	3.35	4.62	3.95	9.84
6	4.13	2.88	2.35	3.95	4.73	5.30	6.33	3.39	3.22	5.09	3.92	12.02
7	4.10	2.85	2.30	3.96	4.78	5.16	6.09	3.33	3.13	5.28	3.96	14.18
8	4.15	2.80	2.40	3.97	5.06	5.00	5.99	3.21	3.12	5.34	3.98	14.40
9	4.20	2.80	2.45	3.98	5.36	4.86	5.94	3.10	3.00	5.67	4.34	13.85
10	4.20	2.85	2.50	3.98	5.42	4.70	5.86	2.97	3.07	6.12	5.36	13.77
11	4.20	2.80	2.55	4.02	5.37	4.56	5.79	2.84	3.29	6.17	5.59	13.85
12	4.15	2.75	2.54	4.09	5.27	4.43	5.76	4.21	3.22	6.05	5.29	14.05
13	4.05	2.70	2.52	4.18	5.21	4.30	5.77	5.49	3.13	5.89	5.03	14.33
14	4.00	2.70	2.51	4.26	5.17	4.16	5.79	5.33	3.02	5.68	4.90	14.57
15	3.90	2.65	2.50	4.30	5.13	4.02	5.84	5.20	3.32	5.46	4.95	14.70
16	3.80	2.65	2.62	4.33	5.21	3.91	6.00	5.45	3.39	5.24	4.99	14.70
17	3.75	2.60	2.84	4.31	5.43	3.81	6.17	5.30	3.66	5.03	5.25	14.60
18	3.65	2.60	2.87	4.29	5.49	3.70	6.27	5.19	3.70	4.84	5.64	14.47
19	3.55	2.60	3.01	4.26	5.54	3.59	6.24	5.28	3.60	4.65	5.79	14.40
20	3.60	2.60	3.04	4.22	5.55	3.50	6.17	5.21	3.48	4.48	5.96	14.34
21	3.50	2.60	3.03	4.20	5.57	3.49	6.08	4.98	3.37	4.32	6.29	14.26
22	3.45	2.65	3.01	4.17	5.71	3.53	5.98	4.77	3.31	4.19	6.73	14.13
23	3.40	2.65	3.02	4.12	5.83	3.55	5.95	4.64	3.28	4.03	7.16	13.92
24	3.35	2.60	3.02	4.09	5.87	3.65	5.82	4.61	3.57	3.89	7.38	13.64
25	3.30	2.60	3.02	4.05	5.91	3.61	5.59	4.56	3.77	3.80	8.36	13.31
26	3.25	2.55	3.04	4.00	5.91	4.84	5.35	4.52	4.01	3.72	8.71	12.92
27	3.20	2.55	3.27	3.95	5.88	5.12	5.09	4.54	4.24	3.79	9.04	12.49
28	3.20	2.55	3.59	3.91	5.85	5.17	4.83	4.52	4.29	3.96	9.23	12.04
29	3.15	2.55	3.73	4.17	------	5.68	4.58	4.41	4.46	4.26	9.19	11.68
30	3.10	2.60	3.91	4.40	------	6.02	4.37	4.29	4.47	4.40	9.11	11.34
31	3.05	------	3.97	4.63	------	6.01	------	4.12	------	4.58	9.02	------
MEAN	3.77	2.73	2.84	4.12	5.28	4.64	5.75	4.34	3.54	4.74	6.01	12.92
MAX	4.40	3.05	3.97	4.63	5.91	6.02	6.33	5.49	4.47	6.17	9.23	14.70
MIN	3.05	2.55	2.30	3.91	4.40	3.49	4.37	2.84	3.00	3.72	3.92	8.95

CAL YR 1973 MEAN 12.49 MAX 40.00 MIN 2.30
WTR YR 1974 MEAN 5.04 MAX 14.70 MIN 2.30

NOTE.--Estimated Nov. 7 to Dec. 11.

02315520 Swift Creek at Facil, Fla.

LOCATION.--Lat 30°22'14", long 82°48'00", in SE quarter sec. 27, T.1 S., R.15 E., Hamilton County, at bridge on U. S. Highway 41, 0.5 mi (0.8 km) northwest of Facil, 2.8 mi (4.5 km) upstream from mouth, and 3.0 mi (4.8 km) southeast of Genoa.

DRAINAGE AREA.--60 sq mi (155 sq km), approximately.

PERIOD OF RECORD.--August 1969 to current year (discharge measurements only).

EXTREMES.--Period of record: Maximum discharge measured, 1,180 cfs (33.4 cu m/s) June 27, 1972; minimum measured, 9.8 cfs (0.28 cu m/s) Dec. 6, 1973.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 3	17	Feb. 12	16	June 11	10
Dec. 6	9.8	Apr. 3	42	Aug. 7	40

02315550 Suwannee River at Suwannee Springs, Fla.

LOCATION.--Lat 30°23'34", long 82°56'00", in NE quarter sec.20, T.1 S., R.14 E., Suwannee County, on left bank at town of Suwannee Springs, 0.2 mi (0.3 km) upstream from Suwannee Springs, 0.5 mi (0.8 km) upstream from bridge on U.S. Highway 129, and 7.5 mi (12.1 km) north of Live Oak.

DRAINAGE AREA.--2,580 sq mi (6,680 sq km), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--November 1960 to current year (discharge measurements and gage heights only); gage heights published since October 1962.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida Department of Transportation bench mark). Dec. 13, 1960 to Apr. 26, 1972, auxiliary nonrecording gage 0.3 mi (0.5 km) downstream from base gage at same datum.

EXTREMES.--Current year: Maximum discharge measured, 4,030 cfs (114 cu m/s) Sept. 17; maximum gage height, 51.66 ft (15.746 m) Sept. 17; minimum discharge measured, 279 cfs (7.90 cu m/s) Dec. 13; minimum gage height, 38.62 ft (11.771 m) Dec. 8.
Period of record: Maximum discharge measured, 29,100 cfs (824 cu m/s) Apr. 11, 1973; maximum gage height, 78.91 ft (24.052 m) Apr. 12, 1973, from floodmark; minimum discharge measured, 124 cfs (3.51 cu m/s) Oct. 30, 1968; minimum gage height, 37.00 ft (11.278 m) estimated, Nov. 2, 3, 1968.

REMARKS.--From Jan. 19, 1963 to Oct. 29, 1968, H-pile dam with removable boards located approximately 500 ft (150 m) downstream from gage; the rise of Mar. 6, 1963, caused a washout at right end of dam.

REVISIONS.--WRD Fla. 1966: Drainage area.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 25	497	Mar. 28	949	July 18	801
Dec. 13	279	May 22	870	Sept.17	4,030
Jan. 31	815				

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.39	39.50	38.71	40.46	41.16	43.30	42.89	41.01	40.38	40.64	40.82	45.28
2	41.25	39.54	38.73	40.45	40.99	43.28	42.73	40.70	40.18	40.47	40.54	45.25
3	41.11	39.47	38.71	40.39	40.91	43.24	42.81	40.44	39.97	40.22	40.49	45.25
4	41.04	39.43	38.68	40.38	40.85	43.18	42.73	40.21	39.88	40.02	40.41	45.29
5	40.98	39.36	38.66	40.38	40.95	43.08	42.83	40.31	39.68	40.28	40.15	45.67
6	40.89	39.32	38.65	40.43	41.11	42.89	43.55	40.03	39.62	41.04	40.11	47.35
7	40.84	39.27	38.64	40.43	41.26	42.67	43.61	39.80	39.38	41.41	40.21	49.83
8	40.86	39.22	38.67	40.39	41.53	42.40	43.63	39.64	39.27	41.59	40.19	50.61
9	40.88	39.23	38.79	40.38	41.76	42.10	43.70	39.47	39.17	42.07	40.20	50.48
10	40.89	39.26	38.80	40.40	41.93	41.81	43.72	39.31	39.05	42.48	40.99	50.80
11	40.90	39.28	38.85	40.47	41.95	41.54	43.70	39.14	39.23	42.65	41.79	50.87
12	40.83	39.17	38.86	40.54	41.91	41.31	43.73	41.31	39.34	42.53	41.81	51.01
13	40.77	39.11	38.82	40.61	41.87	41.14	43.82	43.53	39.24	42.36	41.47	51.23
14	40.65	39.06	38.76	40.69	41.85	40.88	43.96	42.95	39.12	42.12	41.25	51.47
15	40.55	39.00	38.73	40.75	41.88	40.69	44.16	42.52	39.36	41.87	41.19	51.61
16	40.45	38.97	38.90	40.78	42.07	40.50	44.44	42.43	39.65	41.62	41.22	51.64
17	40.38	38.93	39.20	40.76	42.39	40.33	44.70	42.45	39.73	41.36	41.32	51.63
18	40.28	38.88	39.23	40.70	42.62	40.19	44.94	42.15	39.88	41.12	41.77	51.55
19	40.19	38.86	39.31	40.64	42.85	40.05	44.94	42.05	39.82	40.90	42.11	51.50
20	40.21	38.87	39.38	40.59	42.99	39.91	44.81	42.04	39.71	40.77	42.32	51.44
21	40.11	38.85	39.38	40.59	43.05	39.87	44.58	41.84	39.56	40.81	42.62	51.34
22	40.02	38.90	39.35	40.57	43.19	39.94	44.31	41.57	39.41	40.47	43.09	51.17
23	39.94	38.88	39.30	40.48	43.33	39.94	44.10	41.35	39.34	40.27	43.56	50.91
24	39.89	38.84	39.30	40.44	43.42	40.12	43.82	41.23	39.52	40.05	43.99	50.57
25	39.84	38.82	39.38	40.41	43.48	40.13	43.39	41.15	40.08	39.91	44.55	50.23
26	39.74	38.81	39.50	40.34	43.45	41.31	42.93	41.08	40.22	39.92	45.04	49.86
27	39.72	38.78	39.71	40.25	43.40	42.30	42.50	41.07	40.50	39.95	45.32	49.46
28	39.68	38.78	40.13	40.20	43.35	42.22	42.08	41.04	40.55	40.13	45.46	49.02
29	39.60	38.78	40.26	40.38	------	42.57	41.68	40.93	40.62	40.57	45.48	48.64
30	39.53	38.83	40.39	40.77	------	42.96	41.32	40.77	40.72	40.69	45.41	48.32
31	39.49	------	40.44	41.21	------	43.04	------	40.61	------	40.94	45.31	------
MEAN	40.42	39.07	39.17	40.52	42.20	41.58	43.54	41.10	39.74	41.01	42.26	49.64
MAX	41.39	39.54	40.44	41.21	43.48	43.30	44.94	43.53	40.72	42.65	45.48	51.64
MIN	39.49	38.78	38.64	40.20	40.85	39.87	41.32	39.14	39.05	39.91	40.11	45.25

CAL YR 1973 MEAN 49.76 MAX 78.90 MIN 38.64
WTR YR 1974 MEAN 41.67 MAX 51.64 MIN 38.64

02319000 Withlacoochee River near Pinetta, Fla.

LOCATION.--Lat 30°35'43", long 83°15'35", in NW quarter sec.7, T.2 N., R.11 E., Madison County, on right bank 30 ft (9 m) downstream from highway bridge, 0.1 mi (0.2 km) downstream from small tributary, 0.3 mi (0.5 km) west of Bellville, 5.6 mi (9.0 km) east of Pinetta, and 22 mi (35 km) upstream from mouth.

DRAINAGE AREA.--2,120 sq mi (5,490 sq km), approximately.

PERIOD OF RECORD.--October 1931 to current year. Monthly discharge only for October and November 1931, published in WSP 1304.

GAGE.--Nonrecording gage. Datum of gage is 47.21 ft (14.390 m) above mean sea level (levels by Corps of Engineers). Prior to Dec. 3, 1941, nonrecording gage and Dec. 3, 1941, to Aug. 2, 1972, water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--43 years, 1,645 cfs (46.59 cu m/s), 10.54 in/yr (268 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,610 cfs (216 cu m/s) Sept. 18 (gage height, 18.68 ft or 5.694 m); minimum discharge, 158 cfs (4.47 cu m/s) Dec. 12; minimum gage height, 6.76 ft (2.060 m) Nov. 5, 12.
Period of record: Maximum discharge, 79,400 cfs (2,250 cu m/s) Apr. 5, 1948 (gage height, 38.64 ft or 11.777 m), from floodmarks; minimum, 70 cfs (1.98 cu m/s) Aug. 23, 1955 (gage height, 6.27 ft or 1.911 m).
Flood in August 1928 reached a stage of 36.75 ft (11.201 m), from floodmarks (discharge, 53,600 cfs or 1,520 cu m/s).

REMARKS.--Records good above 500 cfs (14.2 cu m/s) and fair below. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS (WATER YEARS).--WSP 972: 1941-42. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	364	224	182	960	1,300	3,190	3,010	697	425	600	372	316
2	364	224	179	948	1,270	2,920	3,200	675	380	600	425	320
3	364	221	173	948	1,300	2,680	3,610	620	380	470	461	324
4	360	185	170	1,050	1,570	2,300	4,140	540	520	575	490	324
5	348	179	191	1,300	1,720	2,060	4,650	600	452	575	620	372
6	324	188	185	1,640	1,860	1,850	5,020	642	550	575	790	560
7	300	188	197	1,860	1,970	1,620	5,350	675	456	416	900	1,900
8	300	188	194	1,960	2,040	1,510	5,540	570	434	384	948	3,590
9	300	185	182	1,880	2,210	1,430	5,540	510	702	344	972	4,280
10	293	179	173	1,480	2,560	1,360	5,760	470	846	316	1,080	4,410
11	258	179	173	1,200	3,010	1,300	6,110	470	1,020	293	1,190	4,600
12	251	170	158	1,300	3,450	1,230	6,610	565	1,100	272	1,210	4,790
13	251	182	173	1,300	4,030	1,150	6,930	888	1,100	265	1,210	5,280
14	251	182	173	1,300	4,910	1,030	7,410	1,290	1,230	251	972	5,810
15	248	179	173	1,290	5,680	972	7,560	870	1,240	237	948	6,380
16	230	179	293	1,290	6,400	942	7,410	719	1,010	230	936	6,830
17	221	173	495	1,270	6,840	882	7,020	818	900	230	906	7,310
18	218	170	510	1,190	6,930	840	6,520	1,020	840	224	900	7,610
19	218	170	448	1,090	6,780	796	5,590	1,300	840	230	900	7,520
20	218	170	384	960	6,220	785	4,340	1,510	888	230	785	7,070
21	218	170	340	996	5,640	780	3,390	1,510	924	230	714	5,820
22	218	168	312	1,020	4,910	785	2,800	1,580	900	230	664	3,840
23	215	168	293	1,050	4,790	990	2,460	1,780	796	209	900	2,530
24	215	168	280	1,020	4,660	990	2,150	1,770	719	203	840	1,990
25	224	170	270	960	4,280	1,160	1,780	1,480	664	194	807	1,620
26	215	165	300	936	4,090	1,450	1,380	1,020	642	194	719	1,360
27	212	168	495	960	3,720	1,720	1,120	746	620	200	620	1,160
28	197	185	1,920	960	3,400	1,860	984	610	620	224	520	1,080
29	197	185	1,990	870	------	2,000	876	535	642	200	434	1,090
30	212	185	1,640	900	------	2,210	818	470	653	230	380	1,030
31	194	------	1,230	1,300	------	2,880	------	461	------	230	360	------
TOTAL	7,998	5,447	13,876	37,188	107,540	47,672	129,078	27,411	22,493	9,661	23,973	101,116
MEAN	258	182	448	1,200	3,841	1,538	4,303	884	750	312	773	3,371
MAX	364	224	1,990	1,960	6,930	3,190	7,560	1,780	1,240	600	1,210	7,610
MIN	194	165	158	870	1,270	780	818	461	380	194	360	316
CFSM	.12	.09	.21	.57	1.81	.73	2.03	.42	.35	.15	.36	1.59
IN.	.14	.10	.24	.65	1.89	.84	2.26	.48	.39	.17	.42	1.77

CAL YR 1973 TOTAL 1,243,473 MEAN 3,407 MAX 30,600 MIN 158 CFSM 1.61 IN 21.32
WTR YR 1974 TOTAL 533,453 MEAN 1,462 MAX 7,610 MIN 158 CFSM .69 IN 9.35

02319000 Withlacoochee River near Pinetta, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.26	6.90	6.86	8.40	8.90	11.68	11.40	8.04	7.50	7.86	7.38	7.24
2	7.26	6.90	6.85	8.38	8.86	11.27	11.70	8.00	7.40	7.86	7.50	7.25
3	7.26	6.90	6.83	8.38	8.90	10.90	12.34	7.90	7.40	7.60	7.58	7.26
4	7.25	6.78	6.82	8.54	9.28	10.33	13.18	7.74	7.70	7.81	7.64	7.26
5	7.22	6.76	6.90	8.90	9.50	9.98	13.98	7.86	7.56	7.81	7.90	7.38
6	7.16	6.80	6.88	9.38	9.70	9.68	14.58	7.94	7.76	7.81	8.21	7.78
7	7.10	6.80	6.92	9.70	9.86	9.35	15.10	8.00	7.57	7.48	8.40	9.86
8	7.10	6.80	6.92	9.84	9.96	9.20	15.40	7.80	7.52	7.41	8.48	12.30
9	7.10	6.80	6.88	9.73	10.20	9.08	15.40	7.68	8.05	7.31	8.52	13.40
10	7.08	6.78	6.86	9.15	10.70	8.98	15.74	7.60	8.31	7.24	8.68	13.60
11	6.98	6.78	6.86	8.75	11.40	8.90	16.30	7.60	8.60	7.18	8.84	13.90
12	6.96	6.76	6.80	8.90	12.08	8.80	17.09	7.79	8.71	7.12	8.87	14.20
13	6.96	6.80	6.86	8.90	13.00	8.68	17.60	8.38	8.71	7.10	8.87	14.98
14	6.96	6.80	6.86	8.90	14.40	8.52	18.37	8.98	8.90	7.06	8.52	15.82
15	6.95	6.80	6.86	8.88	15.62	8.42	18.60	8.35	8.91	7.02	8.48	16.73
16	6.90	6.80	7.18	8.88	16.77	8.37	18.37	8.08	8.58	7.00	8.46	17.44
17	6.87	6.78	7.60	8.86	17.46	8.27	17.75	8.26	8.40	7.00	8.41	18.20
18	6.86	6.78	7.63	8.74	17.61	8.20	16.95	8.60	8.30	6.98	8.40	18.68
19	6.86	6.78	7.50	8.60	17.37	8.12	15.48	9.00	8.30	7.00	8.40	18.54
20	6.86	6.78	7.36	8.40	16.48	8.10	13.50	9.30	8.38	7.00	8.20	17.82
21	6.86	6.78	7.30	8.46	15.56	8.09	11.98	9.30	8.44	7.00	8.07	15.84
22	6.86	6.78	7.23	8.50	14.40	8.10	11.08	9.40	8.40	7.00	7.98	12.70
23	6.85	6.78	7.18	8.54	14.20	8.45	10.66	9.68	8.22	6.93	8.40	10.66
24	6.85	6.78	7.15	8.50	14.00	8.45	10.22	9.67	8.08	6.91	8.30	9.88
25	6.88	6.80	7.12	8.40	13.40	8.70	9.68	9.25	7.98	6.88	8.24	9.36
26	6.85	6.78	7.20	8.36	13.10	9.12	9.12	8.60	7.94	6.88	8.08	8.98
27	6.85	6.79	7.60	8.40	12.50	9.50	8.74	8.13	7.90	6.90	7.90	8.70
28	6.80	6.86	9.78	8.40	12.00	9.70	8.54	7.88	7.90	6.98	7.70	8.58
29	6.80	6.86	9.88	8.25	------	9.90	8.36	7.73	7.94	6.90	7.52	8.60
30	6.86	6.86	9.38	8.30	------	10.20	8.26	7.60	7.96	7.00	7.40	8.51
31	6.80	------	8.80	8.90	------	11.20	------	7.58	------	7.00	7.35	------
MEAN	6.97	6.81	7.38	8.75	12.76	9.23	13.52	8.31	8.11	7.19	8.15	12.05
MAX	7.26	6.90	9.88	9.84	17.61	11.68	18.60	9.68	8.91	7.86	8.87	18.68
MIN	6.80	6.76	6.80	8.25	8.86	8.09	8.26	7.58	7.40	6.88	7.35	7.24

CAL YR 1973 MEAN 11.92 MAX 35.08 MIN 6.76
WTR YR 1974 MEAN 9.06 MAX 18.68 MIN 6.76

02319500 Suwannee River at Ellaville, Fla.

LOCATION.--Lat 30°23'04", long 83°10'19", in NE quarter sec.24, T.1 S., R.11 E., Suwannee County, on left bank at Ellaville, 100 ft (30 m) upstream from Seaboard Air Line Railroad bridge, 200 ft (60 m) downstream from Withlacoochee River, and 900 ft (270 m) upstream from bridge on U.S. Highway 90.

DRAINAGE AREA.--6,850 sq mi (17,740 sq km), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--January 1927 to current year.

GAGE.--Water-stage recorder. Datum of gage is 27.22 ft (8.297 m) above mean sea level. Prior to June 20, 1932, nonrecording gage at same site and datum. Nov. 8, 1955 to Sept. 30, 1970, nonrecording gage 1.1 mi (1.8 km) downstream from base gage at datum 24.55 ft (7.483 m) above mean sea level used as supplementary gage when flow was less than 4,800 cfs (136 cu m/s).

AVERAGE DISCHARGE.--47 years, 6,529 cfs (184.9 cu m/s), 12.94 in/yr (329 mm/yr).

EXTREMES.--Current year: Maximum discharge, 13,900 cfs (394 cu m/s) Sept. 19 (gage height, 14.51 ft or 4.423 m); minimum, 1,740 cfs (49.3 cu m/s) Dec. 15 (gage height, 2.47 ft or 0.753 m).
Period of record: Maximum discharge, 95,300 cfs (2,700 cu m/s) Apr. 7, 8, 1948 (gage height, 40.88 ft or 12.460 m), from floodmarks; minimum, 882 cfs (25.0 cu m/s) July 17, 1955; minimum gage height, 1.56 ft (0.475 m) Dec. 1, 1968.

REMARKS.--Records good. Since Nov. 7, 1953, slight regulation at low water caused by diversions above control 0.7 mi (1.1 km) downstream from gage by a steam-electric powerplant for cooling of condensers. Total diverted flow is returned to river below control. Records include flow of large spring on left bank about 200 ft (60 km) downstream; spring flow may reverse during high stages.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,950	2,100	1,830	3,260	3,580	8,660	5,960	5,140	2,900	2,770	2,320	4,050
2	2,870	2,080	1,820	3,090	3,650	8,570	6,240	4,760	2,780	2,670	2,400	3,980
3	2,820	2,090	1,810	3,050	3,710	8,460	6,580	4,410	2,690	2,560	2,440	3,950
4	2,760	2,090	1,810	3,140	3,770	8,310	6,980	4,130	2,690	2,500	2,500	3,950
5	2,730	2,090	1,790	3,450	4,000	8,100	7,380	3,960	2,630	2,540	2,540	4,010
6	2,680	2,060	1,790	3,850	4,180	7,830	7,940	3,800	2,640	2,660	2,670	4,350
7	2,640	2,040	1,810	4,150	4,360	7,490	8,540	3,640	2,560	2,720	2,890	5,910
8	2,600	2,040	1,830	4,280	4,550	7,120	9,020	3,480	2,490	2,730	3,020	7,850
9	2,560	2,030	1,820	4,250	4,740	6,740	9,360	3,290	2,540	2,770	3,110	9,200
10	2,550	2,020	1,810	4,080	5,120	6,390	9,580	3,130	2,650	2,840	3,260	10,200
11	2,540	2,000	1,780	3,860	5,580	6,060	9,810	3,010	2,750	2,870	3,490	10,900
12	2,510	1,980	1,770	3,740	6,010	5,760	10,100	3,260	2,830	2,860	3,560	11,400
13	2,480	1,970	1,770	3,750	6,440	5,460	10,400	4,150	2,880	2,810	3,510	11,900
14	2,450	1,960	1,770	3,790	6,930	5,130	10,800	4,610	2,900	2,750	3,380	12,400
15	2,420	1,950	1,760	3,790	7,510	4,850	11,200	4,520	2,920	2,680	3,320	12,800
16	2,390	1,950	1,820	3,770	8,120	4,610	11,400	4,210	2,930	2,600	3,310	13,100
17	2,370	1,920	1,970	3,730	8,670	4,350	11,600	4,080	2,880	2,510	3,320	13,400
18	2,330	1,900	2,120	3,660	9,150	4,120	11,600	4,070	2,840	2,420	3,400	13,700
19	2,310	1,900	2,130	3,560	9,490	3,920	11,400	4,170	2,820	2,360	3,440	13,800
20	2,300	1,890	2,130	3,460	9,590	3,740	10,900	4,320	2,810	2,310	3,430	13,800
21	2,280	1,880	2,080	3,370	9,520	3,640	10,400	4,400	2,810	2,290	3,450	13,500
22	2,260	1,870	2,060	3,320	9,440	3,510	9,780	4,430	2,800	2,230	3,570	12,800
23	2,220	1,870	2,020	3,340	9,350	3,470	9,280	4,520	2,750	2,150	3,820	11,800
24	2,210	1,850	2,000	3,320	9,300	3,520	8,770	4,570	2,720	2,110	4,000	11,000
25	2,200	1,840	1,970	3,260	9,220	3,610	8,190	4,440	2,730	2,060	4,130	10,300
26	2,180	1,840	2,000	3,200	9,110	3,910	7,560	4,090	2,690	2,040	4,230	9,790
27	2,180	1,820	2,080	3,140	8,950	4,430	6,970	3,740	2,700	2,060	4,260	9,320
28	2,160	1,840	2,750	3,070	8,810	4,780	6,450	3,470	2,760	2,080	4,230	8,890
29	2,140	1,820	3,340	3,070	------	5,080	5,970	3,290	2,770	2,140	4,160	8,580
30	2,120	1,830	3,660	3,090	------	5,390	5,540	3,140	2,810	2,190	4,120	8,340
31	2,100	------	3,520	3,370	------	5,680	------	3,020	------	2,240	4,110	------
TOTAL	75,310	58,520	64,620	109,260	192,850	172,690	265,700	123,250	82,670	76,520	105,390	288,970
MEAN	2,429	1,951	2,085	3,525	6,888	5,571	8,857	3,976	2,756	2,468	3,400	9,632
MAX	2,950	2,100	3,660	4,280	9,590	8,660	11,600	5,140	2,930	2,870	4,260	13,800
MIN	2,100	1,820	1,760	3,050	3,580	3,470	5,540	3,010	2,490	2,040	2,320	3,950
CFSM	.35	.28	.30	.51	1.01	.81	1.29	.58	.40	.36	.50	1.41
IN.	.41	.32	.35	.59	1.05	.94	1.44	.67	.45	.42	.57	1.57

CAL YR 1973 TOTAL 4,421,020 MEAN 12,110 MAX 77,000 MIN 1,760 CFSM 1.77 IN 24.01
WTR YR 1974 TOTAL 1,615,750 MEAN 4,427 MAX 13,800 MIN 1,760 CFSM .65 IN 8.77

09J SUWANNEE RIVER BASIN

02319500 Suwannee River at Ellaville, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.77	2.82	2.54	3.77	4.10	9.41	6.48	5.64	3.61	3.45	3.05	4.51
2	3.70	2.80	2.52	3.62	4.16	9.31	6.78	5.27	3.52	3.37	3.11	4.45
3	3.65	2.79	2.52	3.59	4.22	9.21	7.17	4.95	3.44	3.28	3.15	4.42
4	3.60	2.78	2.52	3.66	4.28	9.04	7.61	4.69	3.43	3.22	3.20	4.42
5	3.56	2.77	2.51	3.94	4.48	8.80	8.05	4.54	3.39	3.26	3.23	4.48
6	3.51	2.75	2.51	4.29	4.65	8.50	8.68	4.40	3.39	3.36	3.34	4.80
7	3.47	2.73	2.52	4.55	4.81	8.14	9.34	4.26	3.32	3.40	3.52	6.35
8	3.42	2.71	2.53	4.67	4.98	7.73	9.87	4.11	3.26	3.41	3.63	8.48
9	3.39	2.70	2.52	4.66	5.16	7.32	10.23	3.95	3.31	3.44	3.70	9.96
10	3.37	2.70	2.52	4.49	5.53	6.91	10.48	3.82	3.40	3.49	3.83	11.03
11	3.35	2.68	2.49	4.31	5.99	6.55	10.72	3.72	3.47	3.52	4.02	11.73
12	3.32	2.67	2.48	4.20	6.45	6.23	11.02	3.94	3.53	3.51	4.09	12.24
13	3.29	2.66	2.48	4.21	6.92	5.92	11.36	4.71	3.57	3.46	4.04	12.69
14	3.26	2.65	2.48	4.25	7.48	5.61	11.72	5.13	3.59	3.42	3.93	13.11
15	3.22	2.64	2.47	4.26	8.12	5.34	12.08	5.05	3.61	3.36	3.88	13.50
16	3.19	2.63	2.54	4.23	8.80	5.11	12.35	4.76	3.61	3.28	3.87	13.78
17	3.16	2.62	2.67	4.20	9.41	4.87	12.50	4.64	3.57	3.21	3.88	14.12
18	3.13	2.60	2.79	4.13	9.92	4.66	12.51	4.63	3.53	3.13	3.95	14.33
19	3.10	2.59	2.80	4.05	10.30	4.48	12.32	4.73	3.51	3.08	3.98	14.48
20	3.08	2.59	2.80	3.98	10.41	4.33	11.87	4.86	3.51	3.04	3.97	14.45
21	3.06	2.57	2.77	3.90	10.34	4.24	11.27	4.93	3.51	3.03	3.99	14.17
22	3.03	2.56	2.74	3.86	10.26	4.12	10.69	4.96	3.50	2.97	4.09	13.49
23	3.00	2.56	2.71	3.87	10.16	4.10	10.15	5.05	3.44	2.91	4.32	12.57
24	2.98	2.55	2.70	3.87	10.11	4.13	9.59	5.09	3.42	2.87	4.47	11.79
25	2.95	2.55	2.68	3.81	10.03	4.23	8.95	4.96	3.43	2.83	4.59	11.15
26	2.93	2.54	2.70	3.77	9.90	4.48	8.26	4.64	3.40	2.81	4.68	10.59
27	2.91	2.53	2.77	3.72	9.73	4.96	7.60	4.33	3.40	2.84	4.70	10.09
28	2.90	2.54	3.33	3.66	9.57	5.30	7.02	4.10	3.46	2.85	4.68	9.63
29	2.87	2.53	3.82	3.66	------	5.58	6.49	3.95	3.46	2.90	4.61	9.29
30	2.84	2.53	4.10	3.69	------	5.89	6.04	3.82	3.49	2.94	4.59	9.02
31	2.83	------	3.98	3.91	------	6.19	------	3.71	------	2.98	4.57	------
MEAN	3.22	2.64	2.76	4.03	7.51	6.15	9.64	4.56	3.47	3.18	3.96	10.30
MAX	3.77	2.82	4.10	4.67	10.41	9.41	12.51	5.64	3.61	3.52	4.70	14.48
MIN	2.83	2.53	2.47	3.59	4.10	4.10	6.04	3.71	3.26	2.81	3.05	4.42

CAL YR 1973 MEAN 11.44 MAX 37.74 MIN 2.47
WTR YR 1974 MEAN 5.08 MAX 14.48 MIN 2.47

02320500 Suwannee River at Branford, Fla.

LOCATION.--Lat 29°57'20", long 82°55'40", in NE quarter sec.20, T.6 S., R.14 E., Suwannee County, near left bank on upstream side of bridge on U.S. Highways 27 and 129 at Branford, 10.8 mi (17.4 km) upstream from Santa Fe River.

DRAINAGE AREA.--7,740 sq mi (20,050 sq km), approximately, includes part of watershed in Okefenokee Swamp which is indeterminate.

PERIOD OF RECORD.--July 1931 to current year.

GAGE.--Nonrecording gage. Datum of gage is 4.81 ft (1.466 m) above mean sea level.

AVERAGE DISCHARGE.--43 years, 6,920 cfs (196.0 cu m/s), 12.14 in/yr (308 mm/yr).

EXTREMES.--Current year: Maximum discharge, 12,500 cfs (354 cu m/s) Sept. 21, 22; maximum gage height, 16.00 ft (4.877 m) Sept. 21; minimum discharge, 2,780 cfs (78.7 cu m/s) Dec. 13; minimum gage height, 5.37 ft (1.637 m) July 27.
Period of record: Maximum discharge, 83,900 cfs (2,380 cu m/s) Apr. 11, 1948 (gage height, 34.07 ft or 10.385 m); minimum, 1,530 cfs (43.3 cu m/s) July 1, 2, 1955; minimum gage height, 1.97 ft (0.600 m) Jan. 10, 11, 14, 17, 1956.
Flood in August 1928 reached a stage of 32.0 ft (9.75 m), from floodmark (discharge, 65,000 cfs or 1,840 cu m/s, computed on basis of measured crest flow at Ellaville).

REMARKS.--Records good. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,830	3,450	2,880	4,200	4,080	8,410	6,100	6,750	4,350	3,740	3,310	5,240
2	4,750	3,400	2,850	4,110	4,240	8,360	6,300	6,440	4,280	3,720	3,370	5,170
3	4,680	3,360	2,860	4,030	4,310	8,340	6,510	6,110	4,190	3,670	3,450	5,110
4	4,610	3,340	2,860	4,020	4,300	8,270	6,710	5,850	4,110	3,650	3,520	5,060
5	4,530	3,330	2,870	4,030	4,340	8,200	7,050	5,620	4,030	3,570	3,630	5,040
6	4,510	3,310	2,860	4,180	4,440	8,070	7,240	5,500	4,020	3,560	3,770	5,140
7	4,420	3,260	2,830	4,380	4,490	7,900	7,500	5,320	3,970	3,600	3,860	5,410
8	4,360	3,250	2,800	4,520	4,720	7,690	7,880	5,160	3,900	3,630	3,960	6,130
9	4,300	3,240	2,820	4,620	4,770	7,490	8,290	5,000	3,840	3,700	4,120	7,220
10	4,260	3,210	2,800	4,650	4,900	7,230	8,580	4,840	3,860	3,720	4,240	8,290
11	4,230	3,190	2,790	4,600	5,030	7,000	8,790	4,690	3,910	3,750	4,330	9,120
12	4,180	3,160	2,790	4,550	5,280	6,750	9,040	4,870	3,920	3,770	4,490	9,790
13	4,140	3,130	2,780	4,440	5,520	6,510	9,250	4,800	3,930	3,750	4,560	10,400
14	4,100	3,140	2,800	4,420	5,850	6,230	9,550	5,120	3,950	3,710	4,580	10,800
15	4,060	3,130	2,810	4,440	6,150	6,010	9,840	5,340	3,990	3,660	4,580	11,200
16	4,020	3,110	2,820	4,440	6,500	5,810	10,100	5,360	3,930	3,630	4,610	11,500
17	3,960	3,090	2,810	4,430	6,920	5,590	10,300	5,280	3,990	3,580	4,630	11,800
18	3,900	3,070	2,810	4,400	7,300	5,360	10,500	5,180	3,980	3,500	4,640	12,100
19	3,830	3,040	2,880	4,370	7,730	5,190	10,500	5,170	3,940	3,450	4,660	12,300
20	3,790	3,020	2,950	4,300	8,100	5,130	10,500	5,200	3,910	3,390	4,680	12,400
21	3,770	3,020	2,980	4,280	8,270	4,980	10,400	5,260	3,890	3,340	4,690	12,500
22	3,740	3,010	2,970	4,240	8,430	4,900	10,200	5,310	3,880	3,320	4,720	12,500
23	3,680	2,990	2,900	4,160	8,460	4,840	9,950	5,320	3,840	3,270	4,830	12,400
24	3,650	2,960	2,880	4,160	8,490	4,750	9,560	5,360	3,840	3,210	4,970	12,000
25	3,600	2,940	2,880	4,140	8,550	4,700	9,190	5,360	3,830	3,180	5,120	11,600
26	3,590	2,950	2,880	4,100	8,530	4,860	8,780	5,260	3,780	3,150	5,240	11,300
27	3,560	2,940	2,920	4,080	8,500	4,900	8,330	5,140	3,790	3,120	5,320	11,000
28	3,540	2,930	2,940	4,040	8,480	5,180	7,900	4,950	3,750	3,230	5,400	10,600
29	3,540	2,930	3,360	4,030	------	5,470	7,460	4,720	3,740	3,190	5,370	10,300
30	3,480	2,920	3,830	3,990	------	5,680	7,100	4,610	3,740	3,200	5,340	9,890
31	3,440	------	4,190	4,000	------	5,890	------	4,490	------	3,280	5,280	------
TOTAL	125,050	93,820	91,400	132,350	176,700	195,690	259,400	163,380	118,080	108,240	139,270	283,310
MEAN	4,034	3,127	2,948	4,269	6,311	6,313	8,647	5,270	3,936	3,492	4,493	9,444
MAX	4,830	3,450	4,190	4,650	8,550	8,410	10,500	6,750	4,350	3,770	5,400	12,500
MIN	3,440	2,920	2,780	3,990	4,080	4,700	6,100	4,490	3,740	3,120	3,310	5,040
CFSM	.52	.40	.38	.55	.82	.82	1.12	.68	.51	.45	.58	1.22
IN.	.60	.45	.44	.64	.85	.94	1.25	.79	.57	.52	.67	1.36

CAL YR 1973 TOTAL 4,640,390 MEAN 12,710 MAX 54,700 MIN 2,780 CFSM 1.64 IN 22.30
WTR YR 1974 TOTAL 1,886,690 MEAN 5,169 MAX 12,500 MIN 2,780 CFSM .67 IN 9.07

02320500 Suwannee River at Branford, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.50	6.52	5.57	7.00	6.83	11.91	9.44	10.17	7.21	6.35	5.68	8.43
2	8.39	6.43	5.52	6.87	7.05	11.86	9.67	9.82	7.11	6.32	5.78	8.34
3	8.28	6.37	5.54	6.76	7.16	11.84	9.90	9.46	6.98	6.24	5.91	8.26
4	8.19	6.34	5.54	6.75	7.15	11.77	10.12	9.17	6.87	6.22	6.03	8.20
5	8.07	6.32	5.55	6.76	7.20	11.70	10.50	8.90	6.76	6.10	6.18	8.18
6	8.04	6.28	5.53	6.97	7.35	11.57	10.71	8.75	6.74	6.08	6.39	8.30
7	7.91	6.20	5.48	7.25	7.41	11.40	11.00	8.52	6.67	6.15	6.51	8.64
8	7.83	6.19	5.44	7.45	7.74	11.19	11.38	8.32	6.57	6.18	6.66	9.48
9	7.75	6.17	5.46	7.60	7.81	10.99	11.79	8.13	6.48	6.28	6.88	10.69
10	7.68	6.12	5.44	7.64	8.00	10.70	12.08	7.92	6.51	6.31	7.06	11.79
11	7.64	6.09	5.42	7.57	8.16	10.44	12.29	7.70	6.58	6.36	7.18	12.62
12	7.57	6.06	5.41	7.50	8.47	10.17	12.54	7.96	6.60	6.38	7.42	13.29
13	7.51	5.98	5.40	7.35	8.77	9.90	12.75	7.86	6.61	6.36	7.51	13.89
14	7.45	6.00	5.43	7.32	9.17	9.59	13.05	8.28	6.64	6.30	7.55	14.34
15	7.40	5.99	5.45	7.34	9.50	9.34	13.34	8.55	6.70	6.23	7.54	14.70
16	7.34	5.95	5.46	7.35	9.89	9.12	13.59	8.57	6.62	6.19	7.58	15.03
17	7.25	5.92	5.45	7.33	10.36	8.86	13.80	8.47	6.70	6.11	7.61	15.33
18	7.17	5.88	5.45	7.28	10.78	8.58	13.99	8.35	6.68	6.00	7.63	15.58
19	7.07	5.83	5.57	7.24	11.23	8.36	14.03	8.34	6.63	5.91	7.65	15.78
20	7.01	5.80	5.68	7.15	11.60	8.29	14.01	8.37	6.59	5.81	7.69	15.94
21	6.98	5.80	5.73	7.11	11.77	8.10	13.90	8.45	6.56	5.74	7.70	16.00
22	6.94	5.78	5.71	7.06	11.93	8.00	13.69	8.51	6.54	5.70	7.75	15.97
23	6.85	5.75	5.60	6.95	11.98	7.92	13.45	8.53	6.48	5.62	7.90	15.87
24	6.81	5.70	5.57	6.94	11.99	7.79	13.06	8.58	6.48	5.51	8.09	15.49
25	6.74	5.67	5.56	6.92	12.05	7.72	12.69	8.57	6.47	5.46	8.27	15.12
26	6.73	5.68	5.57	6.86	12.03	7.94	12.28	8.45	6.40	5.41	8.42	14.78
27	6.68	5.67	5.64	6.83	12.00	8.00	11.83	8.30	6.41	5.37	8.53	14.45
28	6.66	5.65	5.67	6.77	11.98	8.35	11.40	8.06	6.36	5.55	8.62	14.08
29	6.65	5.65	6.17	6.76	------	8.71	10.95	7.75	6.34	5.48	8.59	13.79
30	6.56	5.64	6.67	6.70	------	8.97	10.55	7.59	6.34	5.50	8.55	13.39
31	6.50	------	6.98	6.71	------	9.21	------	7.42	------	5.64	8.48	------
MEAN	7.36	5.98	5.63	7.10	9.55	9.62	12.13	8.45	6.62	5.96	7.40	12.86
MAX	8.50	6.52	6.98	7.64	12.05	11.91	14.03	10.17	7.21	6.38	8.62	16.00
MIN	6.50	5.64	5.40	6.70	6.83	7.72	9.44	7.42	6.34	5.37	5.68	8.18

CAL YR 1973 MEAN 14.10 MAX 30.76 MIN 5.40
WTR YR 1974 MEAN 8.20 MAX 16.00 MIN 5.37

02320700 Santa Fe River near Graham, Fla.

LOCATION.--Lat 29°50'46", long 82°13'11", in NE quarter sec.32, T.7 S., R.21 E., Alachua County, near left bank on upstream side of bridge on State Highway 225, 1.0 mi (1.6 km) south of Graham and 1.5 mi (2.4 km) upstream from Sampson River.

DRAINAGE AREA.--94.9 sq mi (245.8 sq km).

PERIOD OF RECORD. --August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 103.55 ft (31.562 m) above mean sea level.

AVERAGE DISCHARGE.--17 years, 69.5 cfs (1.968 cu m/s), 9.95 in/yr (253 mm/yr).

EXTREMES.--Current year: Maximum discharge, 388 cfs (11.0 cu m/s) Sept. 10 (gage height, 11.14 ft or 3.395 m); minimum, 0.30 cfs (0.008 cu m/s) June 1, 2; minimum gage height, 3.44 ft (1.049 m) Dec. 7.
Period of record: Maximum discharge, 2,360 cfs (66.8 cu m/s) Sept. 12, 1964 (gage height, 14.97 ft or 4.563 m); minimum, 0.05 cfs (0.001 cu m/s) May 23, 24, 1968; minimum gage height, 3.42 ft (1.042 m) June 9, 1971.

REMARKS.--Records good prior to Feb. 14 and fair thereafter. Records do not include diversions, during periods of high stages, from Santa Fe Lake through Lochloosa Creek in St. Johns River basin.

REVISIONS.--WRD Fla. 1968: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	7.0	2.2	23	10	8.3	5.2	.52	.31	31	149	40
2	45	6.5	2.0	21	9.2	7.3	4.3	.50	.35	28	86	34
3	42	6.1	2.0	20	8.5	6.5	3.7	.48	.41	25	76	28
4	39	6.0	2.0	19	7.7	5.8	3.1	.49	.44	22	98	24
5	36	5.8	1.9	18	7.0	5.2	3.1	.56	.46	19	81	27
6	32	5.8	1.8	17	6.5	4.7	5.0	.66	.71	18	89	49
7	30	6.0	1.7	16	6.5	4.3	4.0	.86	.67	18	87	97
8	28	6.0	4.9	16	7.7	3.9	3.1	1.1	.86	21	71	171
9	25	5.8	12	15	7.7	3.5	2.8	.99	1.1	24	64	274
10	24	5.4	10	14	7.0	3.2	2.5	.81	1.1	24	62	381
11	23	5.1	9.0	14	6.7	2.9	2.2	.67	1.0	22	53	364
12	22	4.6	8.1	13	6.3	2.8	2.0	.95	1.1	21	48	323
13	20	4.3	7.7	12	6.0	2.9	1.9	1.3	1.1	22	57	283
14	19	4.2	7.5	12	5.7	2.8	1.8	1.3	.94	20	82	319
15	17	4.1	7.2	11	5.4	2.6	1.7	1.1	9.4	19	82	269
16	16	3.9	17	11	5.1	2.4	1.6	1.2	10	17	116	236
17	15	3.7	28	10	4.8	2.3	1.5	1.3	7.5	15	144	206
18	15	3.6	25	9.8	4.5	2.1	1.4	2.5	11	14	182	174
19	14	3.6	24	9.6	11	2.0	1.3	2.1	10	12	152	145
20	12	3.3	25	9.2	19	2.0	1.2	1.6	9.9	11	114	118
21	12	3.2	33	9.0	15	2.2	1.1	1.4	8.8	21	101	98
22	13	3.1	30	8.6	16	2.2	.99	1.2	8.2	23	102	86
23	12	3.1	27	8.3	15	6.1	1.1	1.1	8.0	22	84	78
24	11	3.0	24	7.9	14	18	1.2	1.1	7.5	21	80	71
25	10	2.9	23	7.5	13	14	1.1	1.0	12	21	99	66
26	9.6	2.8	22	7.7	11	12	.96	.77	13	23	122	61
27	8.8	2.7	29	8.5	9.9	11	.81	.63	29	31	107	61
28	8.5	2.7	29	8.3	9.1	10	.69	.54	31	48	87	63
29	8.6	2.7	27	8.6	------	9.4	.60	.44	31	66	71	64
30	8.1	2.5	25	8.6	------	8.3	.56	.38	32	64	57	63
31	7.3	------	24	11	------	6.6	------	.34	------	88	47	------
TOTAL	630.9	129.5	492.0	384.6	255.3	177.3	62.51	29.89	248.85	831	2,850	4,273
MEAN	20.4	4.32	15.9	12.4	9.12	5.72	2.08	.96	8.30	26.8	91.9	142
MAX	48	7.0	33	23	19	18	5.2	2.5	32	88	182	381
MIN	7.3	2.5	1.7	7.5	4.5	2.0	.56	.34	.31	11	47	24
CFSM	.22	.05	.17	.13	.10	.06	.02	.01	.09	.28	.97	1.50
IN.	.25	.05	.19	.15	.10	.07	.02	.01	.10	.33	1.12	1.67

CAL YR 1973 TOTAL 26,629.40 MEAN 73.0 MAX 618 MIN 1.7 CFSM .77 IN 10.44
WTR YR 1974 TOTAL 10,364.85 MEAN 28.4 MAX 381 MIN .31 CFSM .30 IN 4.06

PEAK DISCHARGE (BASE, 400 CFS).--No peak above base.

02321500 Santa Fe River at Worthington Springs, Fla.

LOCATION.--Lat 29°55'18", long 82°25'35", in SE quarter sec.32, T.6 S., R.19 E., Alachua County, near center of span on downstream side of bridge on State Highway 121, 0.5 mi (0.8 km) south of Worthington Springs and 0.8 mi (1.3 km) downstream from New River.

DRAINAGE AREA.--582 sq mi (1,507 sq km).

PERIOD OF RECORD.--October 1931 to current year. Published as "near Worthington" prior to October 1965. Monthly discharge only for October 1931, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 42.74 ft (13.027 m) above mean sea level (levels by Corps of Engineers). Prior to Jan. 16, 1939, nonrecording gage at site 0.2 mi (0.3 km) downstream at same datum and Jan. 16, 1939, to July 23, 1953, nonrecording gage at present site and datum.

AVERAGE DISCHARGE.--43 years, 455 cfs (12.89 cu m/s), 10.62 in/yr (270 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,990 cfs (84.7 cu m/s) Aug. 22 (gage height, 18.28 ft or 5.572 m); minimum, 16 cfs (0.45 cu m/s) May 3, 4 (gage height, 7.47 ft or 2.277 m).
Period of record: Maximum discharge, 20,000 cfs (566 cu m/s) Sept. 13, 1964 (gage height, 28.40 ft or 8.656 m); minimum discharge 0.50 cfs (0.014 cu m/s) June 24, 1955 (gage height, 6.74 ft or 2.054 m).

REMARKS.--Records good. Records do not include diversion, during periods of high stages, from Santa Fe Lake through Lochloosa Creek in St. Johns River basin. Records of chemical analyses and water temperatures for the current year are published in Part 2 of this report.

REVISIONS.--WRD Fla. 1968: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	239	33	21	264	54	82	558	20	68	356	1,440	732
2	213	32	21	252	58	76	472	18	58	390	1,830	626
3	190	31	21	237	63	68	409	17	59	321	2,120	556
4	170	30	20	222	63	62	342	17	76	306	1,910	527
5	155	29	20	203	58	58	284	20	105	381	1,640	525
6	134	29	20	182	53	54	245	24	195	422	1,610	534
7	106	31	19	164	52	52	204	25	173	424	1,780	621
8	94	30	44	148	72	49	176	36	164	499	2,020	897
9	85	29	69	134	82	47	160	50	219	534	1,900	1,740
10	79	29	75	123	81	45	141	54	211	507	1,650	2,340
11	73	28	66	114	74	43	122	42	222	539	1,830	2,630
12	70	28	55	106	66	41	105	36	202	570	2,320	2,530
13	67	27	47	99	59	41	92	42	224	545	2,180	2,260
14	62	27	42	92	56	39	80	73	227	478	2,060	2,000
15	55	26	39	87	53	37	70	154	854	411	1,940	1,750
16	51	26	71	80	52	35	64	337	977	354	1,710	1,670
17	48	25	158	75	49	34	62	486	778	311	1,590	1,480
18	45	25	183	71	46	31	59	562	688	283	1,540	1,190
19	43	24	186	68	52	29	57	625	525	242	1,660	980
20	40	23	171	65	114	30	53	705	379	209	2,140	847
21	44	23	158	64	138	35	48	630	287	184	2,790	865
22	44	22	152	61	145	38	43	503	255	170	2,930	952
23	43	21	157	58	144	68	41	447	193	169	2,820	886
24	42	21	150	55	133	180	40	418	164	161	2,690	784
25	40	22	140	53	122	253	36	363	176	151	2,330	673
26	39	23	131	52	109	382	32	309	162	148	1,950	583
27	38	23	168	50	97	563	28	267	352	176	1,640	532
28	37	22	254	48	88	723	26	217	442	269	1,390	507
29	37	22	263	49	------	854	23	152	423	444	1,170	474
30	36	21	268	51	------	794	21	113	384	558	991	463
31	35	------	269	53	------	666	------	86	------	969	854	------
TOTAL	2,454	782	3,458	3,380	2,233	5,509	4,093	6,848	9,242	11,481	58,425	33,154
MEAN	79.2	26.1	112	109	79.8	178	136	221	308	370	1,885	1,105
MAX	239	33	269	264	145	854	558	705	977	969	2,930	2,630
MIN	35	21	19	48	46	29	21	17	58	148	854	463
CFSM	.14	.04	.19	.19	.14	.31	.23	.38	.53	.64	3.24	1.90
IN.	.16	.05	.22	.22	.14	.35	.26	.44	.59	.73	3.73	2.12

CAL YR 1973 TOTAL 209,283 MEAN 573 MAX 5,980 MIN 19 CFSM .98 IN 13.38
WTR YR 1974 TOTAL 141,059 MEAN 386 MAX 2,930 MIN 17 CFSM .66 IN 9.02

02322500 Santa Fe River near Fort White, Fla.

LOCATION.--Lat 29°50'55", long 82°42'55", in SE quarter sec. 28, T.7 S., R.16 E., Gilchrist County, on left bank 2.1 mi (3.4 km) upstream from bridge on State Highway 47, 5.1 mi (8.2 km) south of Fort White, and 18 mi (29 km) upstream from mouth.

DRAINAGE AREA.--1,080 sq mi (2,800 sq km), approximately.

PERIOD OF RECORD.--October 1927 to January 1930, June 1932 to current year.

GAGE.--Water-stage recorder. Datum of gage is 20.86 ft (6.358 m) above mean sea level (levels by Corps of Engineers). Prior to June 3, 1932, nonrecording gage at several sites within 200 ft (60 m) of present site at various datums. Oct. 1, 1947, to Feb. 10, 1949, auxiliary nonrecording gage and since Feb. 11, 1949, auxiliary water-stage recorder 16 mi (26 km) downstream from base gage at datum 3.5 ft (1.07 m) above mean sea level.

AVERAGE DISCHARGE.--44 years (1927-29, 1932-74), 1,666 cfs (47.18 cu m/s), 20.95 in/yr (532 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,840 cfs (80.4 cu m/s) Aug. 26 (gage height, 3.35 ft or 1.021 m); minimum, 818 cfs (23.2 cu m/s) May 8, 9, 13, 14 (gage height, 0.67 ft or 0.204 m).
Period of record: Maximum discharge, 17,000 cfs (481 cu m/s) Sept. 16, 1964 (gage height, 15.34 ft or 4.676 m); minimum, 609 cfs (17.2 cu m/s) May 22, 1957; minimum gage height, 0.45 ft (0.137 m) Mar. 20, 1957.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,480	1,190	1,090	1,140	998	950	1,210	850	970	1,050	1,160	2,230
2	1,460	1,180	1,080	1,140	998	950	1,210	843	953	1,050	1,300	2,140
3	1,450	1,180	1,080	1,150	990	942	1,210	836	935	1,070	1,450	2,060
4	1,440	1,170	1,080	1,150	982	934	1,190	835	920	1,070	1,510	1,980
5	1,430	1,170	1,080	1,150	974	926	1,170	829	912	1,050	1,700	1,930
6	1,420	1,170	1,070	1,140	982	926	1,140	825	909	1,050	1,720	1,890
7	1,410	1,170	1,060	1,130	990	918	1,110	819	917	1,060	1,720	1,860
8	1,390	1,160	1,080	1,130	982	918	1,090	825	921	1,090	1,770	1,870
9	1,370	1,160	1,070	1,120	974	918	1,070	827	913	1,130	1,840	1,940
10	1,360	1,150	1,060	1,110	966	910	1,050	827	930	1,150	1,890	2,080
11	1,350	1,140	1,060	1,100	974	902	1,030	831	931	1,170	1,910	2,310
12	1,330	1,140	1,060	1,090	974	902	1,020	840	936	1,180	1,920	2,520
13	1,320	1,140	1,070	1,080	974	894	1,010	826	931	1,190	2,030	2,670
14	1,310	1,140	1,070	1,070	974	886	989	826	938	1,200	2,100	2,730
15	1,300	1,130	1,060	1,070	966	886	976	833	953	1,200	2,150	2,700
16	1,290	1,130	1,090	1,060	958	878	957	853	1,040	1,190	2,190	2,630
17	1,290	1,130	1,060	1,050	950	870	948	900	1,140	1,160	2,270	2,560
18	1,280	1,130	1,070	1,050	950	862	939	979	1,180	1,130	2,300	2,510
19	1,270	1,130	1,090	1,050	966	862	933	1,050	1,190	1,110	2,280	2,420
20	1,260	1,120	1,110	1,040	950	870	922	1,110	1,190	1,090	2,290	2,320
21	1,250	1,120	1,100	1,040	942	862	912	1,150	1,160	1,080	2,370	2,230
22	1,250	1,120	1,090	1,030	958	854	908	1,180	1,130	1,060	2,530	2,150
23	1,240	1,110	1,090	1,020	950	870	904	1,180	1,090	1,030	2,680	2,150
24	1,230	1,110	1,100	1,020	958	862	890	1,160	1,070	1,020	2,780	2,080
25	1,220	1,110	1,100	1,020	958	870	877	1,150	1,040	1,010	2,830	2,010
26	1,210	1,100	1,110	1,010	950	894	870	1,130	1,020	996	2,820	1,940
27	1,210	1,100	1,120	1,010	942	934	870	1,110	1,020	985	2,760	1,860
28	1,210	1,100	1,110	1,010	950	998	864	1,070	1,020	997	2,660	1,770
29	1,210	1,090	1,130	1,010	------	1,070	857	1,050	1,040	999	2,540	1,710
30	1,200	1,090	1,140	1,010	------	1,150	853	1,020	1,050	1,050	2,420	1,660
31	1,200	------	1,140	998	------	1,180	------	996	------	1,090	2,320	------
TOTAL	40,640	34,080	33,720	33,198	27,080	28,648	29,979	29,560	30,349	33,707	66,330	64,910
MEAN	1,311	1,136	1,088	1,071	967	924	999	954	1,012	1,087	2,140	2,164
MAX	1,480	1,190	1,140	1,150	998	1,180	1,210	1,180	1,190	1,200	2,830	2,730
MIN	1,200	1,090	1,060	998	942	854	853	819	909	985	1,180	1,660
CFSM	1.21	1.05	1.01	.99	.90	.86	.93	.88	.94	1.01	1.98	2.00
IN.	1.40	1.17	1.16	1.14	.93	.99	1.03	1.02	1.05	1.16	2.28	2.24

CAL YR 1973 TOTAL 686,210 MEAN 1,880 MAX 6,530 MIN 1,060 CFSM 1.74 IN 23.64
WTR YR 1974 TOTAL 452,201 MEAN 1,239 MAX 2,830 MIN 819 CFSM 1.15 IN 15.58

02322700 Ichatucknee Springs near Hildreth, Fla.

LOCATION.--Lat 29°57'09", long 82°47'10°, in NW quarter sec.23, T.6 S., R.15 E., Suwannee County, on Ichatucknee River, near center of span on upstream side of bridge on U. S. Highway 27, 1.0 mi (1.6 km) east of Hildreth, 1.5 mi (2.4 km) upstream from mouth, and 3.0 mi (4.8 km) downstream from head of springs.

PERIOD OF RECORD.--1917, 1929-30 (one discharge measurement each water year), January 1931 to current year (discharge measurements only).

GAGE.--Nonrecording gage. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--375 measurements, 361 cfs, 233 mgd (10.22 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 578 cfs (16.4 cu m/s) Apr. 29, 1948; maximum gage height, 34.05 ft (10.378 m) Apr. 12, 1948, from floodmarks (backwater from Santa Fe River); minimum discharge measured, 241 cfs (6.83 cu m/s) Jan. 28, 1956; minimum gage height observed, 14.67 ft (4.471 m) July 11, Aug. 22, 1956, Feb. 13, 1957.

REMARKS.--Discharge measurements made at bridge on U.S. Highway 27. Surface inflow between springs and measuring section is negligible except after heavy rains.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Oct. 26	475	May 23	416
Dec. 13	436	June 10	411
Feb. 1	405	July 19	366
Mar. 29	379	Sept.16	388

02323500 Suwannee River near Wilcox, Fla.

LOCATION.--Lat 29°35'22", long 82°56'12", in NW quarter sec.29, T.10 S., R.14 E., Levy County, on left bank about 400 ft (120 m) downstream from Fort Fannin Bridge on U.S. Highway 19 and 2 mi (3 km) southwest of Wilcox.

DRAINAGE AREA.--9,730 sq mi (25,200 sq km), approximately, includes part of watershed in Okefenokee swamp which is indeterminate.

PERIOD OF RECORD.--October 1930 to September 1931, October 1941 to current year. Monthly discharge only for some periods, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 0.53 ft (0.162 m), revised, below mean sea level. Prior to July 4, 1931, nonrecording gage at site 400 ft (120 m) upstream at same datum. July 4 to Sept. 30, 1931, and Mar. 26 to May 14, 1942, water-stage recorder, and May 15, 1942, to Jan. 24, 1951, nonrecording gage at present site and datum. Since Feb. 1, 1951, auxiliary water-stage recorder about 9 mi (14 km) downstream from base gage at datum 2.99 ft (0.911 m) below mean sea level.

AVERAGE DISCHARGE.--34 years, 10,550 cfs (298.8 cu m/s), 14.72 in/yr (374 mm/yr).

EXTREMES.--Current year: Maximum discharge, 17,400 cfs (493 cu m/s) Sept. 23 (gage height, 8.03 ft or 2.448 m); minimum daily, 5,390 cfs (153 cu m/s) Dec. 4; minimum gage height, 2.44 ft (0.744 m) Dec. 18, 22.
Period of record: Maximum discharge, 84,700 cfs (2,400 cu m/s) Apr. 14, 1948 (gage height, 22.32 ft or 6.803 m); minimum daily since January 1951, 3,270 cfs (92.6 cu m/s) Feb. 24, 1957; minimum gage height since January 1951, 0.57 ft (0.174 m) Jan. 19, 1957.

REMARKS.--Records good above 15,000 cfs (425 cu m/s) and fair below. Flow generally affected by tide when discharge is less than 15,000 cfs (425 cu m/s).

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8,630	7,330	6,490	7,470	7,320	12,300	9,080	11,300	7,590	6,610	5,690	9,100
2	8,850	7,140	6,220	7,700	6,960	12,300	9,080	10,600	7,310	6,520	6,190	8,780
3	9,100	7,150	5,930	7,600	6,950	12,200	8,890	9,980	7,430	6,440	6,530	8,560
4	9,130	6,830	5,390	7,330	8,350	11,900	8,630	9,650	7,420	6,550	6,570	8,550
5	9,070	6,460	5,480	7,290	8,090	11,500	9,180	8,990	7,320	6,520	6,600	8,340
6	9,020	7,260	6,660	7,190	6,520	11,200	11,500	8,530	7,140	6,380	6,840	8,030
7	8,760	6,680	7,080	7,090	6,720	11,200	10,900	8,970	6,980	6,460	7,130	8,650
8	8,480	6,320	6,520	7,280	7,330	11,000	10,100	8,570	6,990	6,710	7,310	9,350
9	8,060	6,250	6,290	7,240	8,610	10,800	11,000	8,510	7,010	6,740	7,550	10,700
10	8,080	7,300	6,090	7,290	8,490	10,700	12,300	8,510	7,060	6,740	7,740	11,700
11	8,150	7,480	6,840	7,270	8,180	10,600	12,000	7,620	7,040	6,700	8,120	12,400
12	7,860	6,820	6,140	7,890	8,590	10,000	11,900	7,240	7,300	7,010	8,300	12,900
13	7,420	6,200	5,470	8,150	8,690	9,920	12,100	9,030	7,240	7,340	8,170	13,000
14	7,360	5,970	5,770	7,860	8,920	10,500	12,500	8,730	7,040	7,030	7,980	13,600
15	7,320	5,830	5,840	7,960	9,370	9,950	12,800	8,870	7,180	6,800	7,860	14,100
16	7,020	6,000	6,280	8,140	8,840	9,270	13,500	8,830	7,040	6,450	7,860	14,500
17	7,240	6,690	7,530	8,110	10,700	10,100	14,000	8,940	6,970	6,410	7,960	15,400
18	8,320	6,140	7,070	8,030	10,400	9,760	14,200	8,650	6,960	6,340	7,770	16,000
19	8,430	5,920	6,610	7,900	9,180	8,900	13,800	8,330	6,800	6,170	8,030	16,400
20	8,360	5,910	5,840	7,420	10,600	8,900	13,500	8,250	6,790	6,050	8,120	16,800
21	8,160	5,750	7,200	7,060	11,000	9,000	13,300	8,290	6,730	5,900	8,490	16,800
22	7,830	6,030	7,700	7,370	10,300	9,000	12,900	8,060	6,650	6,120	8,640	16,900
23	7,760	6,250	6,910	7,180	11,900	9,000	12,700	7,960	6,440	6,110	8,950	17,300
24	7,460	5,850	6,350	7,160	11,800	7,900	13,000	8,280	6,260	6,200	9,110	16,900
25	6,900	5,510	6,150	7,120	12,300	7,800	13,500	8,660	6,360	6,370	9,110	16,600
26	6,790	5,630	5,880	6,980	13,300	8,200	13,200	8,430	6,710	6,170	9,510	16,400
27	6,500	5,700	6,590	6,920	12,900	8,800	12,600	8,240	6,800	6,300	9,650	16,300
28	6,260	5,520	6,710	6,870	12,400	8,200	12,200	8,860	6,980	6,350	9,490	16,100
29	6,780	7,730	6,580	6,970	------	8,000	11,700	8,580	7,040	6,480	9,290	15,800
30	7,110	7,310	6,710	7,030	------	8,220	11,400	8,210	6,940	6,150	9,190	14,800
31	6,110	------	6,980	7,100	------	8,950	------	8,050	------	6,250	9,210	------
TOTAL	242,320	192,960	199,300	229,970	264,710	306,070	357,460	269,720	209,520	200,370	248,960	400,760
MEAN	7,817	6,432	6,429	7,418	9,454	9,873	11,920	8,701	6,984	6,464	8,031	13,360
MAX	9,130	7,730	7,700	8,150	13,300	12,300	14,200	11,300	7,590	7,340	9,650	17,300
MIN	6,110	5,510	5,390	6,870	6,520	7,800	8,630	7,240	6,260	5,900	5,690	8,030
CFSM	.80	.66	.66	.76	.97	1.01	1.23	.89	.72	.66	.83	1.37
IN.	.93	.74	.76	.88	1.01	1.17	1.37	1.03	.80	.77	.95	1.53

CAL YR 1973 TOTAL 5,807,640 MEAN 15,910 MAX 54,900 MIN 5,390 CFSM 1.64 IN 22.20
WTR YR 1974 TOTAL 3,122,120 MEAN 8,554 MAX 17,300 MIN 5,390 CFSM .88 IN 11.94

02323500 Suwannee River near Wilcox, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.74	3.97	2.82	3.60	3.41	5.44	4.51	5.01	3.97	3.52	3.58	4.65
2	4.62	3.56	3.01	3.40	3.58	5.45	4.71	4.88	3.98	3.60	3.63	4.66
3	4.41	3.46	3.17	3.33	3.90	5.47	4.86	4.82	3.88	3.65	3.51	4.71
4	4.27	3.48	3.63	3.44	3.68	5.50	5.13	4.69	3.75	3.71	3.53	4.70
5	4.18	3.78	3.97	3.47	3.22	5.56	5.30	4.65	3.66	3.60	3.67	4.72
6	4.11	3.46	3.40	3.58	3.87	5.58	4.89	4.73	3.73	3.62	3.95	5.02
7	4.11	3.45	2.78	3.84	4.40	5.54	4.85	4.46	3.74	3.59	3.88	5.01
8	4.13	3.76	2.86	3.96	4.50	5.46	5.30	4.33	3.71	3.51	3.81	4.92
9	4.25	3.93	3.07	4.02	3.88	5.37	5.54	4.27	3.65	3.53	3.82	5.00
10	4.25	3.45	3.34	4.10	3.59	5.28	5.38	4.13	3.58	3.55	3.86	5.29
11	4.15	2.96	2.98	4.16	3.77	5.13	5.44	4.25	3.62	3.62	3.88	5.65
12	4.18	3.16	3.09	3.90	3.90	5.02	5.64	4.92	3.49	3.53	3.88	5.99
13	4.34	3.61	3.55	3.52	4.08	4.91	5.80	4.15	3.44	3.31	4.00	6.36
14	4.43	3.83	3.72	3.50	4.23	4.59	5.91	3.92	3.55	3.30	4.16	6.68
15	4.38	3.94	3.50	3.59	4.37	4.38	5.99	4.07	3.64	3.45	4.28	6.92
16	4.50	3.94	3.42	3.53	4.66	4.49	6.04	4.20	3.69	3.62	4.36	7.13
17	4.36	3.40	2.74	3.48	4.76	4.29	6.07	4.18	3.76	3.60	4.42	7.31
18	3.73	3.43	2.61	3.49	4.71	3.98	6.13	4.17	3.73	3.55	4.51	7.48
19	3.53	3.70	2.79	3.52	5.37	4.04	6.25	4.26	3.75	3.60	4.56	7.66
20	3.47	3.69	3.45	3.68	5.63	4.25	6.39	4.34	3.76	3.66	4.49	7.77
21	3.51	3.89	3.48	3.98	5.47	4.35	6.46	4.39	3.81	3.71	4.37	7.80
22	3.60	3.76	2.65	3.73	5.75	4.15	6.53	4.52	3.84	3.61	4.30	7.83
23	3.57	3.53	2.80	3.72	5.61	4.24	6.56	4.70	3.96	3.45	4.31	7.99
24	3.70	3.60	3.10	3.70	5.53	4.31	6.45	4.71	4.14	3.35	4.33	7.84
25	3.90	3.89	3.34	3.71	5.46	4.11	6.21	4.48	4.13	3.27	4.48	7.69
26	4.08	3.98	3.56	3.75	5.28	3.93	5.97	4.47	3.85	3.22	4.46	7.59
27	4.18	3.91	3.52	3.76	5.26	3.95	5.83	4.58	3.77	3.26	4.50	7.55
28	4.35	4.07	3.12	3.77	5.37	4.11	5.63	4.16	3.58	3.25	4.61	7.49
29	4.24	3.11	3.19	3.73	------	4.42	5.47	3.99	3.41	3.14	4.70	7.35
30	3.81	2.61	3.45	3.63	------	4.61	5.26	3.98	3.40	3.20	4.73	7.15
31	3.96	------	3.67	3.54	------	4.60	------	3.94	------	3.30	4.67	------
MEAN	4.10	3.61	3.22	3.68	4.54	4.73	5.68	4.40	3.73	3.48	4.17	6.46
MAX	4.74	4.07	3.97	4.16	5.75	5.58	6.56	5.01	4.14	3.71	4.73	7.99
MIN	3.47	2.61	2.61	3.33	3.22	3.93	4.51	3.92	3.40	3.14	3.51	4.65

CAL YR 1973 MEAN 7.52 MAX 18.56 MIN 2.61
WTR YR 1974 MEAN 4.31 MAX 7.99 MIN 2.61

02324000 Steinhatchee River near Cross City, Fla.

LOCATION.--Lat 29°47'11", long 83°19'19", in NE quarter sec.16, T.8 S., R.10 E., Taylor County, on right bank 0.7 mi (1.1 km) downstream from Atlantic Coast Line Railroad bridge, 0.7 mi (1.1 km) south of Clara, 13 mi (21 km) upstream from mouth, and 16 mi (26 km) northwest of Cross City.

DRAINAGE AREA.--350 sq mi (907 sq km), approximately (see REMARKS).

PERIOD OF RECORD.--February 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 7.84 ft (2.390 m) above mean sea level.

AVERAGE DISCHARGE.--24 years, 326 cfs (9.232 cu m/s), 12.65 in/yr (321 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,540 cfs (43.6 cu m/s) Aug. 9, gage height, 11.81 ft (3.600 m); minimum, 8.8 cfs (0.25 cu m/s) Nov. 19-29; gage height, 2.57 ft (0.783 m).
Period of record: Maximum discharge, 17,600 cfs (498 cu m/s) Sept. 13, 14, 1964, gage height, 18.90 ft (5.761 m); minimum, 3.4 cfs (0.10 cu m/s) June 27, 28, 1950; minimum gage height, 2.44 ft (0.744 m) June 27, 28, 1950, June 23, 24, 1955.

REMARKS.--Records fair. Below about 500 cfs (14.2 cu m/s), all of flow enters sinkhole 0.5 mi (0.8 km) downstream from gage. Above about 4,000 cfs (113 cu m/s), discharge measurements are made along U.S. Highway 19 (98 and Alternate 27); measurements include all flow from about 3 mi (5 km) northwest to 5 mi (8 km) southeast of main channel, drainage area is increased by about 3 sq mi (78 sq km).

REVISIONS (WATER YEARS).--WSP 1234: 1950.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	24	12	107	65	75	815	44	57	84	376	545
2	118	24	12	103	70	72	689	41	50	76	525	483
3	105	21	11	97	68	68	632	38	48	66	621	531
4	94	19	11	91	65	65	565	36	61	63	693	548
5	85	18	11	85	62	59	565	35	56	62	778	583
6	76	18	11	80	62	56	571	33	45	56	1,090	953
7	68	16	14	78	65	52	524	36	41	56	1,290	1,190
8	63	15	14	71	78	48	491	37	38	59	1,480	1,240
9	58	14	12	70	96	47	455	34	42	70	1,530	1,260
10	52	13	12	68	100	47	410	30	49	78	1,500	1,240
11	48	12	12	67	96	45	367	27	63	76	1,420	1,210
12	45	11	11	66	88	45	328	38	63	81	1,350	1,160
13	40	11	11	75	80	44	293	48	68	81	1,300	1,090
14	38	11	11	78	75	44	261	50	71	81	1,230	1,010
15	36	11	11	74	72	49	233	58	71	76	1,190	918
16	34	11	13	70	71	49	213	67	67	70	1,170	824
17	33	11	32	66	88	49	202	80	59	63	1,160	728
18	31	9.8	47	65	96	47	183	117	56	57	1,140	647
19	29	9.5	42	62	104	45	166	107	54	67	1,070	582
20	27	8.8	38	56	122	45	149	110	52	71	964	569
21	26	9.2	35	54	145	49	134	118	48	65	881	524
22	25	9.0	34	53	131	48	121	117	43	58	891	490
23	24	8.8	32	50	119	83	108	107	37	54	1,070	497
24	23	8.8	31	47	108	133	98	96	56	54	1,030	492
25	22	8.8	30	45	99	152	88	83	125	65	1,020	514
26	21	9.3	30	44	93	825	78	70	114	85	989	513
27	19	9.3	59	42	84	1,040	69	70	158	135	920	497
28	19	8.8	85	41	80	1,090	62	68	145	185	923	460
29	19	10	107	39	------	1,100	55	62	118	236	833	431
30	18	12	110	41	------	1,060	47	61	97	270	729	404
31	17	------	110	45	------	956	------	59	------	314	639	------
TOTAL	1,443	382.1	1,011	2,030	2,482	7,587	8,972	1,977	2,052	2,914	31,802	22,133
MEAN	46.5	12.7	32.6	65.5	88.6	245	299	63.8	68.4	94.0	1,026	738
MAX	130	24	110	107	145	1,100	815	118	158	314	1,530	1,260
MIN	17	8.8	11	39	62	44	47	27	37	54	376	404
CFSM	.13	.04	.09	.19	.25	.70	.85	.18	.20	.27	2.93	2.11
IN.	.15	.04	.11	.22	.26	.81	.95	.21	.22	.31	3.38	2.35

CAL YR 1973 TOTAL 128,709.1 MEAN 353 MAX 3,130 MIN 8.8 CFSM 1.01 IN 13.68
WTR YR 1974 TOTAL 84,785.1 MEAN 232 MAX 1,530 MIN 8.8 CFSM .66 IN 9.01

NOTE.--No gage height record Dec. 26 to Jan. 16; Jan. 20 to Mar. 13.

02324400 Fenholloway River near Foley, Fla.

LOCATION.--Lat 30°05'53", long 83°28'19", in NE quarter sec. 36, T.4 S., R.8 E., Taylor County, near left bank at downstream side of bridge on U.S. Highway 27, 1.8 mi (2.9 km) upstream from small tributary, 4 mi (6 km) northeast of Foley, and 32 mi (51 km) upstream from mouth.

DRAINAGE AREA.--About 60 sq mi (155 sq km).

PERIOD OF RECORD.--February to August 1955 (discharge measurements only), September 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 53.59 ft (16.334 m) above mean sea level (Florida State Road Department bench mark).

AVERAGE DISCHARGE.--19 years, 60.9 cfs (1.725 cu m/s), 44,120 acre ft/yr (54.4 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 449 cfs (12.7 cu m/s) Aug. 7, gage height, 10.59 ft (3.228 m); minimum, 1.1 cfs (0.031 cu m/s) Mar. 20, gage height, 0.65 ft (0.198 m).
Period of record: Maximum discharge, 3,210 cfs (90.9 cu m/s) Sept. 12, 1964, gage height, 15.21 ft (4.636 m); minimum, 0.54 cfs (0.015 cu m/s) Nov. 1, 1968; minimum gage height, 0.50 ft (0.152 m) June 29, 30, July 1, 1968.

REMARKS.--Records fair.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	1.9	1.8	3.9	3.4	3.0	65	3.7	22	9.8	115	40
2	5.3	1.7	1.8	3.8	3.4	2.9	56	3.4	20	8.2	134	35
3	4.9	1.7	1.8	3.6	3.3	2.7	60	3.1	19	6.9	151	32
4	4.4	1.6	1.8	3.5	3.1	2.5	57	2.9	18	6.1	188	34
5	4.0	1.6	1.8	3.3	2.9	2.4	53	2.6	17	6.3	187	41
6	3.6	1.5	1.7	3.1	2.7	2.2	54	2.8	15	5.9	278	171
7	3.3	1.5	1.7	3.0	3.1	2.1	48	3.0	14	5.2	441	329
8	3.1	1.5	1.7	2.9	3.9	2.0	41	2.6	13	5.2	424	352
9	2.9	1.7	1.6	2.8	4.4	1.9	36	2.3	27	5.6	371	332
10	2.6	1.7	1.6	2.7	4.2	1.8	31	2.1	31	5.5	313	305
11	2.5	1.7	1.6	2.7	4.0	1.7	27	2.0	26	5.8	264	281
12	2.3	1.7	1.6	3.2	3.6	1.6	24	50	21	6.6	246	255
13	2.1	1.7	1.6	3.3	3.3	1.5	22	81	16	5.7	227	241
14	2.0	1.8	1.6	3.3	3.1	1.5	19	80	13	4.6	208	209
15	1.9	1.8	1.6	3.2	2.9	1.4	18	72	11	3.9	185	188
16	1.9	1.8	2.1	2.9	2.9	1.4	19	59	10	3.3	164	169
17	1.9	1.8	2.7	2.8	5.8	1.3	18	48	9.7	2.7	146	164
18	1.8	1.8	2.1	2.6	7.2	1.3	15	63	8.4	2.5	135	164
19	1.7	1.8	1.9	2.5	6.8	1.2	13	68	7.0	2.6	147	150
20	1.7	1.7	1.9	2.4	6.4	1.2	12	63	5.8	3.4	138	132
21	1.7	1.7	2.2	2.1	5.7	1.4	10	54	5.0	12	123	113
22	1.7	1.6	2.2	2.0	5.4	3.8	9.4	44	4.5	9.5	112	96
23	1.6	1.6	2.0	1.9	5.1	4.0	8.7	36	4.1	13	133	103
24	1.6	1.6	1.9	1.8	4.5	5.4	8.1	31	10	8.8	113	106
25	1.6	1.7	1.9	1.7	4.1	14	7.2	26	31	10	95	100
26	1.6	1.7	2.0	1.6	3.7	105	6.3	22	27	14	82	91
27	1.6	1.7	4.5	1.7	3.5	93	5.6	34	22	32	74	83
28	1.6	1.8	4.9	1.7	3.3	100	4.9	44	18	140	69	76
29	1.6	1.8	4.7	2.0	------	94	4.5	37	15	134	60	69
30	1.6	1.8	4.5	2.0	------	85	4.1	31	12	133	55	64
31	1.7	------	4.2	2.8	------	75	------	26	------	124	49	------
TOTAL	77.7	51.0	71.0	82.8	115.7	618.2	756.8	999.5	472.5	736.1	5,427	4,515
MEAN	2.51	1.70	2.29	2.67	4.13	19.9	25.2	32.2	15.8	23.7	175	151
MAX	5.9	1.9	4.9	3.9	7.2	105	65	81	31	140	441	352
MIN	1.6	1.5	1.6	1.6	2.7	1.2	4.1	2.0	4.1	2.5	49	32
AC-FT	154	101	141	164	229	1,230	1,500	1,980	937	1,460	10,760	8,960

CAL YR 1973 TOTAL 27,065.5 MEAN 74.2 MAX 882 MIN 1.5 AC-FT 53,680
WTR YR 1974 TOTAL 13,923.3 MEAN 38.1 MAX 441 MIN 1.2 AC-FT 27,620

PEAK DISCHARGE (BASE, 300 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
8-07	0500	10.59	449	9-07	2400	9.56	357

02324500 Fenholloway River at Foley, Fla.

LOCATION.--Lat 30°03'55", long 83°34'29", in NE quarter sec.7, T.5 S., R.8 E., Taylor County, near center of span on downstream side of bridge on U.S. Highway 19, 1.6 mi (2.6 km) west of Foley, 2.4 mi (3.9 km) downstream from clarifier flume of the Buckeye Cellulose Corp. plant, 11.4 mi (18.3 km) upstream from Spring Creek, and 24.4 mi (39.3 km) upstream from mouth. Prior to Feb. 5, 1971 located at site 1.6 mi (2.6 km) upstream.

DRAINAGE AREA.--About 110 sq mi (285 sq km).

PERIOD OF RECORD.--September 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 24.85 ft (7.574 m) above mean sea level. Prior to June 24, 1947, nonrecording gage and June 24, 1947, to Feb. 4, 1971, water-stage recorder, at site about 1.6 mi (2.6 km) upstream at datum 4.51 ft (1.375 m) higher.

AVERAGE DISCHARGE.--28 years, 132 cfs (3.738 cu m/s), 95,630 acre ft/yr (118 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 638 cfs (18.1 cu m/s) Aug. 8, gage height, 14.07 ft (4.289 m); minimum, 23 cfs (0.65 cu m/s) Jan. 11, 12; gage height, 8.96 ft (2.731 m).
Period of record: Maximum discharge, 4,810 cfs (136 cu m/s) Sept. 12, 1964, gage height, 18.52 ft (5.645 m), at former site and datum; minimum, no flow Jan. 1-5, 1971; minimum gage height, 8.81 ft (2.685 m) Jan. 1, 2, 4, 5, 1971.

REMARKS.--Records fair. Since Feb. 1, 1954, natural flow of stream affected by large ground-water withdrawals by cellulose plant upstream. Records include return flow from plant.

REVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	84	83	85	80	80	134	73	89	82	216	152
2	83	82	83	82	81	80	129	73	88	83	292	138
3	83	83	83	78	81	79	127	73	87	84	305	129
4	84	83	81	67	80	78	127	73	85	85	335	123
5	83	84	86	51	81	77	121	74	86	84	374	131
6	85	82	85	31	81	76	114	76	95	83	438	252
7	86	85	85	25	85	75	110	77	87	98	550	444
8	85	86	86	24	84	75	105	76	85	95	630	570
9	85	86	85	24	78	76	100	74	83	87	610	602
10	84	85	84	24	78	77	92	74	88	88	562	582
11	84	83	82	24	80	76	90	76	91	90	502	546
12	83	85	83	24	81	74	87	109	87	90	448	506
13	82	85	84	26	77	80	86	94	84	84	385	466
14	83	84	83	65	77	75	85	126	81	84	326	427
15	83	84	84	74	82	76	83	138	82	83	292	385
16	84	82	90	76	82	78	83	124	81	83	252	347
17	84	80	86	77	80	76	82	116	81	83	223	318
18	84	80	83	77	78	76	80	117	79	86	200	315
19	84	78	82	77	78	75	78	122	79	86	217	302
20	85	77	72	77	78	74	77	122	80	85	216	278
21	85	81	74	77	80	80	74	112	79	97	203	254
22	84	86	82	79	80	78	73	103	81	88	223	232
23	83	86	82	77	80	83	74	96	81	86	268	221
24	84	86	80	77	80	79	75	92	79	85	282	226
25	85	85	80	78	78	92	74	90	82	86	278	219
26	83	85	81	79	78	111	74	88	82	92	248	211
27	85	84	85	80	80	119	75	93	78	99	221	206
28	85	84	83	81	80	155	77	97	81	114	204	196
29	85	82	83	80	------	168	76	98	82	208	188	185
30	85	82	83	78	------	162	74	101	82	221	177	175
31	86	------	80	80	------	149	------	95	------	217	168	------
TOTAL	2,610	2,499	2,563	1,954	2,238	2,809	2,736	2,952	2,505	3,116	9,833	9,138
MEAN	84.2	83.3	82.7	63.0	79.9	90.6	91.2	95.2	83.5	101	317	305
MAX	86	86	90	85	85	168	134	138	95	221	630	602
MIN	82	77	72	24	77	74	73	73	78	82	168	123
AC-FT	5,180	4,960	5,080	3,880	4,440	5,570	5,430	5,860	4,970	6,180	19,500	18,130

CAL YR 1973 TOTAL 64,923 MEAN 178 MAX 1,100 MIN 23 AC-FT 128,800
WTR YR 1974 TOTAL 44,953 MEAN 123 MAX 630 MIN 24 AC-FT 89,160

PEAK DISCHARGE (BASE, 400 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
8-08	1200	14.07	638	9-09	0300	13.98	602

02326000 Econfina River near Perry, Fla.

LOCATION.--Lat 30°10'14", long 83°49'26", in NE quarter sec.4, T.4 S., R.5 E., Taylor County, on right bank 10 ft (3 m) downstream from highway bridge, 3.0 mi (4.8 km) downstream from Natural Well Branch, 3.9 mi (6.3 km) upstream from bridge on U.S. Highway 98, 14 mi (23 km) upstream from mouth, and 14.7 mi (23.7 km) northwest of Perry.

DRAINAGE AREA.--198 sq mi (513 sq km).

PERIOD OF RECORD.--February 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 14.35 ft (4.374 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.--24 years, 130 cfs (3.682 cu m/s), 8.92 in/yr (227 mm/yr).

EXTREMES.--Current year: Maximum discharge, 855 cfs (24.2 cu m/s) Sept. 10, gage height, 10.98 ft (3.347 m); minimum, 20 cfs (0.57 cu m/s) Nov. 20; gage height, 2.28 ft (0.695 m).
Period of record: Maximum discharge, 2,540 cfs (71.9 cu m/s) Sept. 17, 1957, gage height, 12.78 ft (3.895 m); minimum, 2.3 cfs (0.065 cu m/s) July 8, 1955; minimum gage height, 1.89 ft (0.576 m) Mar. 2, 3, 1957.

REMARKS.--Records good except for period of no gage-height record, which are poor.

REVISIONS.--WSP 2105: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	23	25	62	56	77	192	40	55	33	148	250
2	63	24	24	58	62	73	199	37	51	31	324	230
3	56	25	24	55	62	69	214	35	48	36	760	206
4	50	25	24	52	62	64	216	33	44	34	855	187
5	46	24	25	50	65	60	224	33	40	33	830	187
6	42	23	25	48	69	57	235	32	40	33	820	373
7	39	23	25	46	73	54	234	39	38	32	810	624
8	37	23	24	45	79	51	229	39	37	32	790	755
9	35	23	23	44	87	49	221	37	36	31	760	835
10	33	23	23	42	94	46	206	34	36	33	723	855
11	31	22	22	42	97	44	187	33	37	48	690	848
12	30	22	22	42	96	42	169	75	36	58	654	840
13	28	22	22	45	93	41	152	101	35	70	623	835
14	26	22	22	47	88	40	138	101	33	58	597	828
15	25	22	26	47	84	38	126	102	31	49	570	753
16	25	21	32	45	86	37	120	99	30	43	537	745
17	24	21	35	42	93	36	114	96	30	39	508	735
18	24	21	35	41	100	34	109	96	29	37	485	708
19	24	21	34	40	111	33	96	96	27	37	460	658
20	23	20	34	38	118	32	89	96	27	36	430	600
21	23	20	35	37	118	34	82	99	27	38	394	555
22	22	21	36	36	116	34	76	101	27	38	356	500
23	22	21	37	35	113	34	70	97	28	37	335	485
24	22	21	36	34	109	36	64	91	28	36	322	440
25	22	21	35	33	103	48	60	85	29	35	335	387
26	21	22	35	33	96	141	56	79	40	36	350	346
27	21	23	39	32	90	140	52	74	45	83	350	318
28	21	23	48	31	83	138	48	69	42	111	347	292
29	21	24	60	31	------	152	45	66	40	108	315	270
30	21	25	69	35	------	167	42	62	37	108	289	248
31	21	------	67	44	------	183	------	58	------	146	270	------
TOTAL	972	671	1,023	1,312	2,503	2,084	4,065	2,135	1,083	1,579	16,037	15,893
MEAN	31.4	22.4	33.0	42.3	89.4	67.2	136	68.9	36.1	50.9	517	530
MAX	74	25	69	62	118	183	235	102	55	146	855	855
MIN	21	20	22	31	56	32	42	32	27	31	148	187
CFSM	.16	.11	.17	.21	.45	.34	.69	.35	.18	.26	2.61	2.68
IN.	.18	.13	.19	.25	.47	.39	.76	.40	.20	.30	3.01	2.99

CAL YR 1973 TOTAL 76,592 MEAN 210 MAX 2,190 MIN 20 CFSM 1.06 IN 14.39
WTR YR 1974 TOTAL 49,357 MEAN 135 MAX 855 MIN 20 CFSM .68 IN 9.27

NOTE.--No gage height record Oct. 12 to Dec. 19.

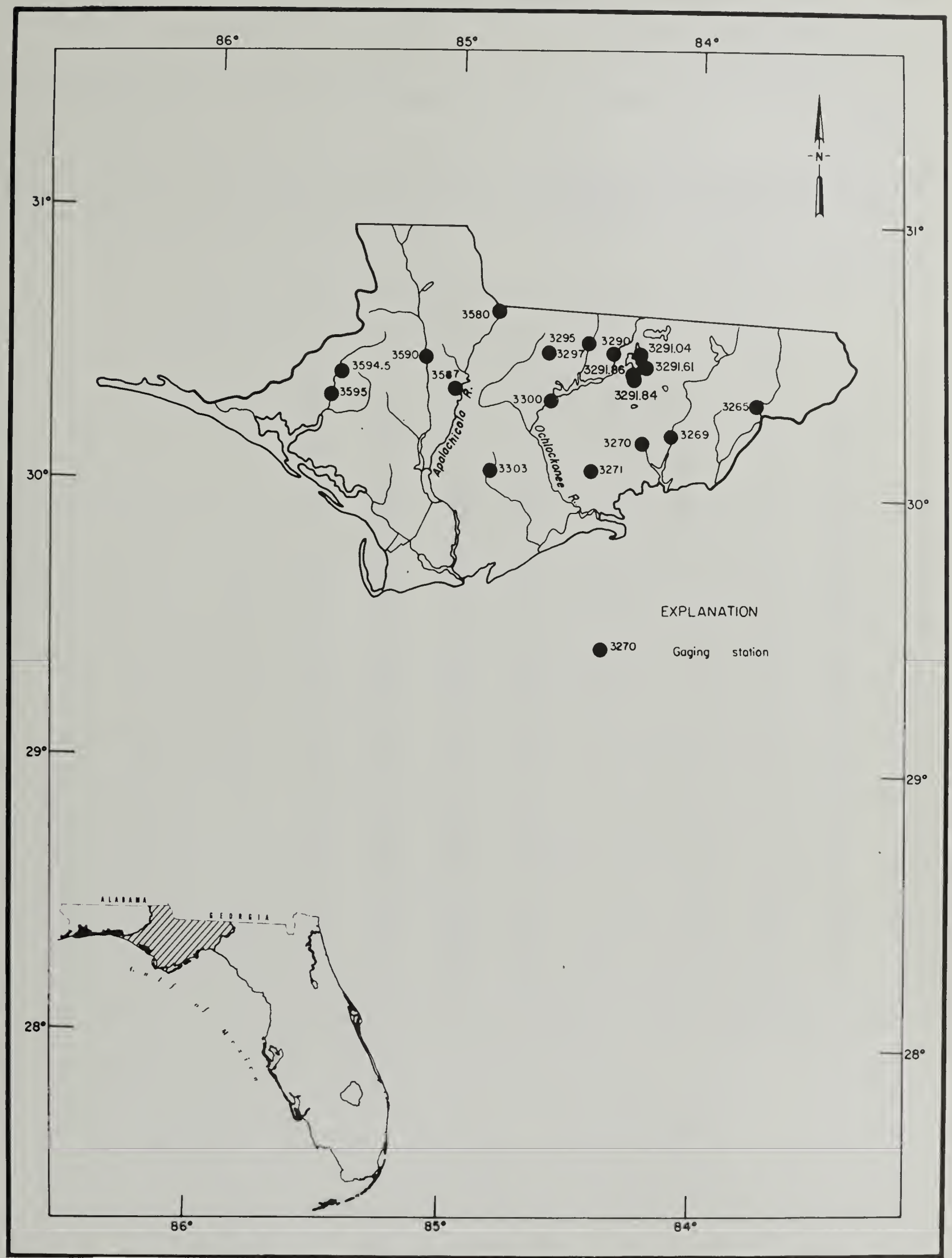

Figure 5. Location of gaging stations in Aucilla River basin, Coastal area between Aucilla River and Ochlockonee River, Ochlockonee River basin and coastal area, Coastal area between Ochlockonee River and Apalachicola River, Apalachicola River basin, and Coastal area between Apalachicola River and Choctawhatchee River.

02326500 Aucilla River at Lamont, Fla.

LOCATION.--Lat 30°22'11", long 83°48'25", in NE quarter sec.27, T.1 S., R.5 E., Madison County, near left bank on downstream side of bridge on U.S. Highway 19, 0.6 mi (1.0 km) southeast of Lamont, and 34 mi (55 km) upstream from mouth.

DRAINAGE AREA.--747 sq mi (1,935 sq km).

PERIOD OF RECORD.--February 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 42.90 ft (13.076 m) above mean sea level, unadjusted. Prior to Jan. 30, 1958, water-stage recorder at site 65 ft (20 m) upstream at same datum. Since Nov. 27, 1963, auxiliary nonrecording gage 0.5 mi (0.8 km) downstream at same datum.

AVERAGE DISCHARGE.--24 years, 357 cfs (10.11 cu m/s) 6.49 in/yr (165 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,630 cfs (46.2 cu m/s) Sept. 10, gage height, 10.41 ft (3.173 m); minimum, 20 cfs (0.57 cu m/s) Nov. 11, 12; minimum gage height, 5.95 ft (1.814 m), July 2, 19.
Period of record: Maximum discharge, 11,500 cfs (326 cu m/s) Apr. 8, 1973, gage height, 16.57 ft (5.050 m); minimum, no flow for many days in 1955, 1957, 1963, Oct. 10, 11, 1968; river dry at gage June 13-16, 1955.

REMARKS.--Records fair. Pumpage above and below station for irrigation during dry seasons. Since Aug. 27, 1963, low-head rock and concrete dam 0.6 mi (1.0 km) downstream.

REVISIONS (WATER YEARS).--WSP 1504: 1953. WSP 2105: Drainage area. WRD Fla. 1968: 1966.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	94	24	40	379	464	418	350	136	75	23	31	102
2	112	25	35	375	474	394	373	124	78	23	75	105
3	106	25	32	364	478	373	463	113	89	27	138	112
4	95	25	30	349	498	353	506	105	77	28	152	100
5	88	24	32	335	507	335	586	105	68	33	169	105
6	82	24	41	324	483	315	658	102	84	32	209	469
7	75	23	42	320	525	300	682	93	86	28	241	1,220
8	69	23	42	331	567	280	695	84	75	26	243	1,400
9	62	23	43	333	574	260	695	77	71	28	233	1,520
10	57	21	42	331	556	243	674	72	71	28	217	1,620
11	51	21	41	335	536	229	642	68	65	31	207	1,580
12	47	21	40	397	514	215	606	167	57	34	227	1,440
13	42	21	39	397	492	203	574	191	49	34	248	1,270
14	39	21	49	397	469	189	550	179	44	32	245	1,100
15	36	21	58	398	447	181	530	179	41	30	273	962
16	34	21	96	392	481	175	526	173	39	27	298	902
17	32	21	112	381	540	163	506	163	38	25	310	830
18	29	21	107	363	545	152	484	165	35	23	270	806
19	27	21	103	344	561	142	457	156	33	22	235	730
20	26	21	112	325	598	136	430	152	31	23	205	670
21	25	25	123	309	594	158	397	154	29	23	179	626
22	24	42	129	294	586	195	363	154	27	26	201	582
23	24	42	128	280	566	189	338	151	25	27	291	522
24	23	38	123	271	546	177	305	145	27	25	258	469
25	22	34	117	261	518	191	270	133	32	25	263	430
26	22	30	118	249	487	293	237	123	31	28	278	397
27	22	27	204	235	463	303	213	121	31	30	223	370
28	21	39	295	229	439	305	191	110	29	31	185	353
29	21	46	300	291	------	333	169	100	27	30	152	360
30	21	44	329	385	------	345	152	91	25	29	133	328
31	22	------	368	461	------	348	------	82	------	28	116	------
TOTAL	1,450	814	3,370	10,435	14,508	7,893	13,622	3,968	1,489	859	6,504	21,480
MEAN	46.8	27.1	109	337	518	255	454	128	49.6	27.7	210	716
MAX	112	46	368	461	598	418	695	191	89	34	310	1,620
MIN	21	21	30	229	439	136	152	68	25	22	31	100
CFSM	.06	.04	.15	.45	.69	.34	.61	.17	.07	.04	.28	.96
IN.	.07	.04	.17	.52	.72	.39	.68	.20	.07	.04	.32	1.07

CAL YR 1973 TOTAL 311,394 MEAN 853 MAX 11,500 MIN 21 CFSM 1.14 IN 15.51
WTR YR 1974 TOTAL 86,392 MEAN 237 MAX 1,620 MIN 21 CFSM .32 IN 4.30

02326526 Wacissa River near Wacissa, Fla.

LOCATION.--Lat 30°18'04", long 83°58'47", in NE quarter sec. 24, T.2S., R.3 E., Jefferson County, near left bank 200 ft (61 m) upstream from midstream island, 2.1 mi (3.4 km) upstream from Welaunee Creek, and 4.0 mi (6.4 km) south of Wacissa.

DRAINAGE AREA.--30 sq mi (78 sq km), roughly approximate.

PERIOD OF RECORD.--August 1971 to current year (discharge measurements only).

GAGE.--Nonrecording gage.

AVERAGE DISCHARGE.--20 measurements, 389 cfs (11.02 cu m/s).

EXTREMES.--Period of record: Maximum discharge measured, 605 cfs (17.1 cu m/s), Apr. 17, 1973; maximum gage height observed, 4.92 ft (1.500 m), Apr. 8, 1973; minimum measured, 280 cfs (7.93 cu m/s), Oct. 12, 1972, gage height, 2.46 ft (0.750 m).

REMARKS.--Discharge measurements made at midstream island about 2.2 mi (3.5 km) downstream from head of springs.

DISCHARGE MEASUREMENTS, IN CUBIC FEET SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Jan. 3	483	May 10	375	Sept. 25	369
Mar. 19	435	July 23	315		

02326900 St. Marks River near Newport, Fla.

LOCATION.--Lat 30°16'00", long 84°09'00", in SE quarter sec.32, T.2 S., R.2 E., Wakulla County, on left bank 0.9 mi (1.4 km) downstream from Rhodes Springs, 6 mi (10 km) north of Newport, 11 mi (18 km) upstream from Wakulla River, and 14 mi (23 km) upstream from mouth.

DRAINAGE AREA.--535 sq mi (1,386 sq km) includes drainage area for Lake Miccosukee, 290 sq mi (751 sq km), which contibutes to St. Marks River at high stages.

PERIOD OF RECORD.--October 1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.53 ft (1.076 m) above mean sea level.

AVERAGE DISCHARGE.--18 years, 661 cfs, (18.72 cu m/s), 478,900 acre-ft/yr, (590.5 cu hm/yr).

EXTREMES.--Current year: Maximum discharge, 2,290 cfs (64.9 cu m/s), Sept. 6, gage height, 8.25 ft (2.515 m); minimum, 402 cfs (11.4 cu m/s), June 22; minimum gage height, 4.99 ft (1.521 m), July 17-20.
Period of record: Maximum discharge, 4,750 cfs (135 cu m/s), Apr. 7, 1973, gage height, 11.81 ft (3.600 m); minimum, 310 cfs (8.78 cu m/s), Apr. 25, 1964, Oct. 4, 6, 1968; minimum gage height, 4.20 ft (1.280 m), Mar. 17, 1957.

REMARKS.--Records poor.

REVISIONS.--WSP 2105: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	650	544	516	715	625	561	557	464	434	409	449	625
2	655	540	520	680	630	552	616	460	438	409	492	616
3	650	540	516	655	640	548	690	456	441	412	512	616
4	645	536	516	645	635	544	690	456	441	416	508	616
5	635	532	520	635	616	540	735	464	445	416	508	645
6	625	528	520	625	606	540	740	464	441	419	512	1,490
7	625	524	520	621	670	532	735	460	438	419	685	2,150
8	621	520	520	621	680	528	725	453	434	423	625	2,220
9	616	520	516	625	660	528	705	453	430	419	625	2,200
10	611	520	516	621	650	520	665	449	426	419	665	1,890
11	606	516	512	765	645	520	625	453	426	416	630	1,600
12	601	512	512	640	635	516	597	468	423	416	611	1,390
13	597	508	512	630	625	516	579	464	423	412	597	1,260
14	592	508	512	630	611	512	566	464	419	416	616	1,150
15	592	508	520	640	601	508	557	460	419	416	606	1,050
16	592	508	561	640	635	508	548	456	419	416	601	976
17	592	504	570	625	650	508	536	456	416	416	601	922
18	583	504	570	616	635	500	532	456	412	416	601	886
19	583	504	570	606	640	500	520	456	409	419	597	855
20	579	504	579	606	640	496	516	456	405	423	592	824
21	574	508	583	597	635	500	512	453	405	430	597	797
22	570	516	570	592	635	504	508	449	405	426	660	772
23	570	516	566	588	616	504	500	456	409	423	670	745
24	561	516	561	583	597	504	496	460	409	426	660	727
25	557	516	557	579	583	516	488	456	409	430	655	712
26	557	516	570	574	574	532	484	453	412	438	640	703
27	552	516	635	574	566	528	476	449	412	441	635	696
28	552	528	680	574	561	540	472	445	409	445	630	687
29	548	524	685	597	------	574	472	441	409	441	630	688
30	544	520	720	611	------	570	464	441	409	441	630	681
31	544	------	745	630	------	552	------	438	------	445	630	------
TOTAL	18,379	15,556	17,470	19,340	17,496	16,301	17,306	14,109	12,627	13,113	18,670	31,189
MEAN	593	519	564	624	625	526	577	455	421	423	602	1,040
MAX	655	544	745	765	680	574	740	468	445	445	685	2,220
MIN	544	504	512	574	561	496	464	438	405	409	449	616
AC-FT	36,450	30,860	34,650	38,360	34,700	32,330	34,330	27,990	25,050	26,010	37,030	61,860

CAL YR 1973 TOTAL 320,258 MEAN 877 MAX 4,700 MIN 480 AC-FT 635,200
WTR YR 1974 TOTAL 211,556 MEAN 580 MAX 2,220 MIN 405 AC-FT 419,600

02327000 Wakulla Spring near Crawfordville, Fla.

LOCATION.--Lat 30°14'05", long 84°18'05", in SE quarter sec.11, T.3 S., R.1 W., Wakulla County, near right bank on dock at head of spring, 6 mi (10 km) northeast of Crawfordville, and 14 mi (23 km) south of Tallahassee.

PERIOD OF RECORD.--1907, 1917, 1929, 1930 (a single measurement in each year), February 1931 to June 1932, July 1941 to current year (discharge measurements only).

GAGE.--Since Aug. 12, 1930, nonrecording gage read only when discharge measurements are made. Datum of gage is 4.20 ft (1.280 m) above mean sea level. July 17, 1931 to July 27, 1932, water-stage recorder at same site and datum. Since Mar. 1953, supplementary nonrecording gage at datum 5.56 ft (1.695 m) above mean sea level; Sept. 1941 to Mar. 1953, at different unknown datums.

AVERAGE DISCHARGE.--276 measurements (1907, 1917, 1929-32, 1941-74), 390 cfs (11.04 cu m/s).

EXTREMES.--1931-32, 1941-74: Maximum discharge measured, 1,910 cfs (54.1 cu m/s), Apr. 11, 1973; maximum gage height observed, 5.74 ft (1.749 m), Apr. 5, 1973, minimum measured, 25.2 cfs (.71 cu m/s), June 18, 1931; minimum gage height observed, 1.05 ft (0.320 m), Apr. 14, 1932.

1941-74 (McBrides Slough): Maximum discharge measured, 291 cfs (8.24 cu m/s), Oct. 8, 1957; no flow observed May 4, June 14, 1954, May 16, 1955, May 24, 1968, June 6, 1969, May 31, 1971.

REMARKS.--Discharge measurements of Wakulla River made at bridge 3 mi (5 km) below spring; discharge measurements of inflow made at two culverts near head of spring and at McBridges Slough, 1.5 mi (2.4 km) above spring. The discharge of spring is difference between that of river and the combined inflow at head of spring and at slough. Prior to 1941, discharge measurements of inflow not made. Slight tide effect at station.

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Date	Wakulla River	McBrides Slough and other surface inflow	Difference or spring flow
Nov. 15	598	9.22	589
Feb. 25	421	16.8	404
May 9	343	5.65	337
July 1	269	1.31	268
Sept. 9	1,830	312	1,520

02327100 Sopchoppy River near Sopchoppy, Fla.
(hydrologic bench-mark station)

LOCATION.--Lat 30°07'45", long 84°29'40", in NW quarter sec. 24, T.4 S., R.3 W., Wakulla County, Apalachicola National Forest, near left bank on downstream side of bridge on U.S. Forest Road 346A, 4.7 mi (7.6 km) north of Sopchoppy, 5.2 mi (8.4 km) upstream from Duval Branch, and 24 mi (39 km) upstream from mouth.

DRAINAGE AREA.--97.9 sq mi (253.6 sq km).

PERIOD OF RECORD.--Water years 1961-64 (annual maximum), June 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Jan. 27, 1961, to June 3, 1964, nonrecording gage and crest-stage gage at same site at datum 9.63 ft (2.935 m) higher.

AVERAGE DISCHARGE.--10 years, 187 cfs (5.296 cu m/s), 25.94 in/yr (659 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,470 cfs (70.0 cu m/s) Sept. 7, gage height, 27.75 ft (8.458 m), minimum, 2.9 cfs (0.082 cu m/s), June 23; gage height, 8.10 ft (2.469 m).
Period of record: Maximum discharge, 4,880 cfs (138 cu m/s) Dec. 5, 1964, gage height, 33.78 ft (10.296 m), from rating curve extended above 3,500 cfs (99.1 cu m/s) by velocity-area study; minimum, 1.0 cfs (0.028 cu m/s) June 29 to July 3, 1968; minimum gage height, 7.94 ft (2.420 m) June 4, 5, 1965.

REMARKS.--Records good below 2,000 cfs (56.6 cu m/s), and fair above. Records of chemical analyses and water temperatures for the water year 1974 are published in Part 2 of this report. See page for table of gage height.

RVISIONS.--WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104	5.1	25	431	159	56	178	3.8	27	2.7	74	42
2	87	4.7	20	474	159	47	180	3.7	36	2.7	81	33
3	90	4.6	16	459	155	40	358	3.6	67	3.1	227	42
4	84	4.4	14	411	159	34	408	3.7	91	15	266	67
5	72	4.1	15	359	149	29	514	5.5	77	12	321	137
6	56	4.1	17	310	128	25	528	4.1	77	10	321	1,190
7	42	4.0	14	266	231	22	455	3.7	66	26	392	2,390
8	33	3.7	12	254	255	19	382	3.5	48	20	355	2,120
9	26	4.1	10	236	245	16	325	3.2	32	13	351	1,930
10	21	4.0	9.5	211	220	14	269	3.1	23	9.5	522	1,720
11	17	3.6	8.5	207	185	13	217	5.5	18	7.7	351	1,310
12	14	3.5	7.7	361	154	11	173	161	14	6.3	249	919
13	11	3.6	7.5	384	130	9.9	140	249	10	5.1	176	642
14	9.5	3.5	9.3	354	109	8.7	115	283	7.7	4.1	158	471
15	8.3	3.5	16	310	93	7.9	99	242	6.3	3.5	349	354
16	8.5	3.3	121	263	177	7.3	80	183	5.5	3.2	435	379
17	15	3.2	192	226	299	6.7	62	142	4.7	3.2	353	431
18	12	3.2	192	193	304	6.1	46	126	6.1	3.1	293	383
19	9.9	3.2	172	166	266	5.7	33	114	6.1	3.2	238	397
20	8.3	3.3	193	145	233	5.7	24	105	4.9	3.1	254	247
21	7.5	7.1	301	130	192	7.1	19	82	4.1	3.1	315	185
22	6.5	19	304	119	170	9.7	14	60	3.6	3.8	293	139
23	6.3	18	266	105	156	10	11	43	3.2	6.1	276	103
24	5.9	13	222	91	137	12	9.5	32	3.1	7.9	231	78
25	5.9	11	185	80	114	150	7.7	24	3.0	10	195	54
26	5.5	13	179	70	94	440	6.7	19	3.0	17	160	43
27	5.3	14	410	61	78	384	5.5	17	4.0	22	131	39
28	5.1	24	633	53	65	328	4.7	17	3.2	51	107	60
29	4.9	37	647	74	------	296	4.4	15	3.0	136	85	274
30	4.9	32	571	87	------	266	4.1	25	2.9	113	67	327
31	4.9	------	501	126	------	222	------	24	------	99	52	------
TOTAL	791.2	264.8	5,290.5	7,016	4,816	2,508.8	4,672.6	2,007.4	660.4	625.4	7,678	16,515
MEAN	25.5	8.83	171	226	172	80.9	156	64.8	22.0	20.2	248	551
MAX	104	37	647	474	304	440	528	283	91	136	522	2,390
MIN	4.9	3.2	7.5	53	65	5.7	4.1	3.1	2.9	2.7	52	33
CFSM	.26	.09	1.75	2.31	1.76	.83	1.59	.66	.22	.21	2.53	5.63
IN.	.30	.10	2.01	2.67	1.83	.95	1.78	.76	.25	.24	2.92	6.22

CAL YR 1973 TOTAL 110,517.5 MEAN 303 MAX 4,080 MIN 3.2 CFSM 3.10 IN 41.99
WTR YR 1974 TOTAL 52,846.1 MEAN 145 MAX 2,390 MIN 2.7 CFSM 1.48 IN 20.08

PEAK DISCHARGE (BASE, 1,200 cfs).--Sept. 7 (0400) 2,470 cfs (27.75 ft).

02327100 Sopchoppy River near Sopchoppy, Fla.
(hydrologic bench-mark station)

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.45	8.24	9.05	13.92	11.17	9.66	11.38	8.26	9.12	8.12	9.96	9.43
2	10.18	8.23	8.91	14.31	11.16	9.52	11.37	8.25	9.29	8.11	10.07	9.26
3	10.24	8.22	8.81	14.18	11.12	9.40	13.21	8.24	9.86	8.16	11.88	9.43
4	10.14	8.21	8.74	13.73	11.17	9.29	13.70	8.25	10.25	8.74	12.29	9.85
5	9.93	8.20	8.77	13.22	11.04	9.18	14.67	8.36	10.01	8.63	12.83	10.87
6	9.67	8.19	8.83	12.72	10.77	9.08	14.80	8.28	10.01	8.56	12.83	19.71
7	9.43	8.19	8.74	12.29	11.93	8.99	14.14	8.25	9.84	9.05	13.53	27.37
8	9.25	8.17	8.67	12.17	12.18	8.90	13.45	8.23	9.54	8.89	13.18	26.35
9	9.08	8.19	8.60	11.98	12.07	8.82	12.87	8.21	9.24	8.66	13.12	25.52
10	8.93	8.20	8.55	11.74	11.83	8.75	12.32	8.20	9.03	8.51	14.75	24.54
11	8.79	8.17	8.50	11.70	11.47	8.68	11.80	8.32	8.86	8.41	13.13	21.82
12	8.67	8.16	8.46	13.24	11.11	8.62	11.33	11.10	8.74	8.34	12.12	18.36
13	8.56	8.17	8.45	13.47	10.79	8.55	10.93	12.12	8.58	8.28	11.36	15.84
14	8.47	8.16	8.55	13.17	10.52	8.49	10.60	12.46	8.46	8.22	11.15	14.28
15	8.40	8.16	8.82	12.72	10.29	8.45	10.37	12.04	8.39	8.17	13.10	13.22
16	8.41	8.16	10.58	12.26	11.28	8.41	10.07	11.44	8.35	8.15	13.95	13.41
17	8.71	8.15	11.54	11.88	12.62	8.38	9.78	10.95	8.30	8.14	13.16	13.92
18	8.60	8.15	11.54	11.55	12.66	8.35	9.50	10.75	8.37	8.13	12.56	13.45
19	8.48	8.15	11.32	11.25	12.29	8.33	9.26	10.59	8.37	8.14	12.00	12.71
20	8.39	8.16	11.52	10.99	11.95	8.32	9.06	10.45	8.31	8.13	12.16	12.12
21	8.35	8.37	12.64	10.80	11.54	8.39	8.89	10.11	8.26	8.13	12.77	11.50
22	8.31	8.88	12.66	10.65	11.30	8.52	8.76	9.73	8.22	8.18	12.56	10.97
23	8.30	8.85	12.29	10.46	11.13	8.56	8.65	9.45	8.18	8.29	12.39	10.51
24	8.28	8.68	11.85	10.26	10.88	8.65	8.56	9.24	8.17	8.40	11.93	10.11
25	8.28	8.60	11.47	10.07	10.59	10.57	8.47	9.05	8.16	8.53	11.57	9.80
26	8.26	8.70	11.38	9.90	10.29	14.00	8.42	8.90	8.16	8.81	11.18	9.57
27	8.25	8.73	13.72	9.75	10.03	13.47	8.36	8.84	8.24	8.98	10.81	9.47
28	8.25	9.00	15.76	9.62	9.83	12.90	8.32	8.84	8.18	9.56	10.49	9.74
29	8.24	9.33	15.88	9.96	------	12.59	8.30	8.79	8.15	10.87	10.16	12.36
30	8.24	9.22	15.20	10.17	------	12.29	8.28	9.10	8.14	10.57	9.84	12.89
31	8.24	------	14.56	10.75	------	11.85	------	9.04	------	10.37	9.60	------
MEAN	8.83	8.40	10.79	11.77	11.25	9.61	10.65	9.48	8.76	8.65	12.01	14.28
MAX	10.45	9.33	15.88	14.31	12.66	14.00	14.80	12.46	10.25	10.87	14.75	27.37
MIN	8.24	8.15	8.45	9.62	9.83	8.32	8.28	8.20	8.14	8.11	9.60	9.26

CAL YR 1973 MEAN 12.09 MAX 32.16 MIN 8.15
WTR YR 1974 MEAN 10.37 MAX 27.37 MIN 8.11

02329000 Ochlockonee River near Havana, Fla.

LOCATION.--Lat 30°33'14", long 84°23'03", in SE quarter sec.24, T.2 N., R.2 W., Leon County, near left bank on downstream side of downstream bridge on divided U.S. Highway 27, 0.8 mi (1.3 km) upstream from Seaboard Air Line Railroad bridge, 4 mi (6 km) downstream from Mill Creek, 5 mi (8 km) southeast of Havana, and 94 mi (151 km) upstream from mouth.

DRAINAGE AREA.--1,140 sq mi (2,950 sq km), approximately. At site used prior to January 1929, 1,220 sq mi (3,160 sq km), approximately.

PERIOD OF RECORD.--June 1926 to current year. Published as "at Ochlockonee" June 1926 to December 1929. Records published for both sites December 1928 to December 1929.

GAGE.--Nonrecording gage. Datum of gage is 59.36 ft (18.093 m) above mean sea level, unadjusted. Prior to Jan. 1, 1930, nonrecording gage at site about 10 mi (16.1 km) downstream at datum 0.36 ft (2.853 m) lower. Dec. 12, 1928, to Nov. 17, 1963, at site 100 ft (30 m) upstream at present datum.

AVERAGE DISCHARGE.--48 years, 1,010 cfs (28.60 cu m/s), 12.03 inches per year (306 mm/yr).

EXTREMES.--Current year: Maximum discharge, 7,560 cfs (214 cu m/s) Feb. 13, gage height, 26.88 ft (8.193 m); minimum, 71 cfs (2.01 cu m/s) Oct. 31; gage height, 11.26 ft (3.432 m).
Period of record: Maximum discharge, 55,900 cfs (1,580 cu m/s) Apr. 4, 1948, gage height, 35.08 ft (10.692 m); minimum, 17 cfs (.48 cu m/s) Oct. 23-28, Nov. 1, 1954; minimum gage height, 10.75 ft (3.277 m) Oct. 31, Nov. 1, 3, 1968.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 822: 1929 (M); WSP 1504: 1929; WSP 2105: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	221	100	168	394	1,140	1,500	1,220	357	442	234	340	337
2	203	103	162	459	1,190	1,340	1,390	330	401	210	368	304
3	201	104	151	597	1,330	1,180	1,730	306	392	197	514	289
4	218	105	148	744	1,660	1,050	2,010	296	377	228	518	294
5	229	102	145	845	1,920	953	2,380	297	388	376	550	299
6	211	98	142	922	2,040	869	2,670	271	396	539	618	440
7	197	93	140	968	2,040	809	2,650	252	386	566	647	726
8	190	88	152	984	1,960	764	2,600	239	382	475	644	952
9	175	87	154	992	1,910	717	2,710	233	376	365	645	1,140
10	162	92	150	920	1,950	676	3,030	223	368	317	620	1,320
11	151	89	139	813	2,190	640	3,540	363	390	291	534	1,490
12	139	90	132	759	3,280	604	3,810	757	424	280	477	1,680
13	127	93	129	737	6,920	568	3,460	1,060	470	269	438	1,840
14	121	90	128	761	7,020	536	3,060	1,160	518	269	414	2,030
15	115	90	134	773	5,680	506	2,680	1,350	534	256	425	2,210
16	112	91	171	757	4,580	478	2,470	1,520	531	230	441	2,370
17	108	89	248	728	3,740	462	2,430	1,630	550	200	483	2,500
18	107	87	309	678	3,270	446	2,520	1,700	541	177	599	2,470
19	99	85	331	615	2,940	428	2,490	1,760	555	159	674	2,280
20	93	84	320	558	2,640	410	2,270	1,790	581	146	692	1,980
21	89	104	313	541	2,470	411	1,950	1,840	558	151	707	1,650
22	86	180	305	562	2,370	461	1,650	1,940	470	172	723	1,250
23	83	206	302	597	2,320	536	1,330	2,100	395	200	710	958
24	80	224	278	588	2,220	642	1,080	2,170	366	210	698	734
25	79	211	256	547	2,090	716	878	1,980	329	186	780	608
26	78	184	271	522	1,980	793	725	1,680	294	197	863	531
27	76	169	366	490	1,840	865	595	1,240	277	239	896	463
28	74	165	406	459	1,680	964	506	871	263	261	887	406
29	74	169	422	474	------	1,040	438	712	258	284	786	382
30	72	163	417	649	------	1,080	392	618	259	306	600	375
31	78	------	408	1,010	------	1,130	------	525	------	364	432	------
TOTAL	4,048	3,635	7,297	21,443	75,370	23,574	66,664	31,570	12,471	3,354	18,723	34,308
MEAN	131	121	235	692	2,728	760	2,022	1,018	416	269	604	1,144
MAX	229	224	422	1,010	7,020	1,500	3,810	2,170	581	566	896	2,500
MIN	72	84	128	394	1,140	410	392	223	258	146	340	289
CFSM	.11	.11	.21	.61	2.39	.67	1.77	.89	.35	.24	.53	1.00
IN.	.13	.12	.24	.70	2.49	.77	1.98	1.03	.41	.27	.61	1.12

CAL YR 1973 TOTAL 744,916 MEAN 2,041 MAX 17,900 MIN 72 CFSM 1.79 IN 24.31
WTR YR 1974 TOTAL 302,457 MEAN 829 MAX 7,020 MIN 72 CFSM .73 IN 9.87

02329104 Ox Bottom Creek near Tallahassee, Fla.

LOCATION.--Lat 30°33'02", long 84°18'15", in NE quarter sec.26, T.2 N., R.1 W., Leon County, near right bank 0.5 mi (0.8 km) above Lake Jackson, 1.6 mi (2.6 km) west of State Highway 155, and 7.6 mi (12.2 km) north of Tallahassee.

DRAINAGE AREA.--2.36 sq mi (6.11 sq km).

PERIOD OF RECORD.--June 1973 to current year (See REMARKS).

GAGE.--Water-stage recorder. Datum of gage is 90.50 ft (27.584 m) above mean sea level.

EXTREMES.--Maximum discharge, June to September 1973, 30 cfs (0.85 cu m/s) June 22, gage height, 5.52 ft (1.682 m); minimum, 0.19 cfs (.005 cu m/s) Sept. 22-24.
Current year: Maximum discharge, 23 cfs (0.65 cu m/s) Apr. 5, gage height, 5.24 ft (1.597 m); minimum, no flow many days.

REMARKS.--Records not available at time this publication went to press. They will be published in the 1975 report of the Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 1: Streams".

02329161 Fords Arm Tributary at Tallahassee, Fla.

LOCATION.--Lat 30°29'59", long 84°16'39", in SE quarter sec.12, T.1 N., R.1 W., Leon County, on right bank 10 ft (3 m) downstream from culvert on State Highway 155, 1.0 mi (1.6 km) above Fords Arm on Lake Jackson and 4.3 mi (6.9 km) north of Tallahassee.

DRAINAGE AREA.--1.66 sq mi (4.30 sq km).

PERIOD OF RECORD.--June 1973 to current year (See REMARKS).

GAGE.--Water-stage recorder. Datum of gage is 99.27 ft (30.257 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Maximum discharge, June to September 1973, 104 cfs (2.94 cu m/s) Aug. 4, gage height, 6.49 ft (1.978 m); minimum, 0.07 cfs (.002 cu m/s) Sept. 24.
Current year: Maximum discharge, 65 cfs (1.84 cu m/s) Aug. 13, gage height, 5.87 ft (1.789 m); minimum, no flow many days.

REMARKS.--Records not available at time this publication went to press. They will be published in the 1975 report of the Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 1: Streams".

02329184 Megginnis Arm Tributary above U.S. Highway I-10, at Tallahassee, Fla.

LOCATION.--Lat 30°29'01", long 84°18'01", in SE quarter sec.14, T.1 N., R.1 W., Leon County, on left bank 200 ft (61 m) upstream from culvert on Lake Shore Drive, 0.2 mi (0.3 km) above Megginnis Arm on Lake Jackson, and 3.4 mi (5.5 km) north of Tallahassee.

DRAINAGE AREA.--3.06 sq mi (7.92 sq km).

PERIOD OF RECORD.--June 1973 to current year (See REMARKS).

GAGE.--Water-stage recorder. Datum of gage is 88.70 ft (27.036 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Maximum discharge, June to September 1973, 313 cfs (8.86 cu m/s) Sept. 11, gage height (2.115 m); minimum, 0.05 cfs (.001 cu m/s) Aug. 20.
Current year: Maximum discharge, 664 cfs (18.8 cu m/s) May 17, gage height 7.53 ft (2.295 m); minimum, no flow many days.

REMARKS.--Records not available at time this publication went to press. They will be published in the 1975 report of the Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 1: Streams".

02329186 Megginnis Arm Tributary below U.S. Highway I-10, at Tallahassee, Fla.

LOCATION.--Lat 30°29'06", long 84°18'06", in SE quarter sec. 14, T.1 N., R.1 W., Leon County, near right bank on downstream side of culvert on Megginnis Arm Road, 0.1 mi (0.2 km) above Megginnis Arm on Lake Jackson, and 3.5 mi (5.6 km) north of Tallahassee.

DRAINAGE AREA.--3.10 sq mi (8.03 sq km).

PERIOD OF RECORD.--May 1973 to current year (See REMARKS).

GAGE.--Water-stage recorder. Datum of gage is 87.27 ft (26.600 m) above mean sea level (Florida Department of Transportation bench mark).

EXTREMES.--Maximum discharge, May to September 1973, 480 cfs (13.6 cu m/s) May 26, gage height, 7.08 ft (2.158 m); minimum, .08 cfs (.002 cu m/s) July 25.
Current year: Maximum discharge, 532 cfs (15.1 cu m/s) Aug. 2, gage height, 5.57 ft (1.698 m); gage height, 6.91 ft (2.106 m) Oct. 1 (control at higher elevation); minimum, no flow at times during year.

REMARKS.--Records not available at time this publication went to press. They will be published in the 1975 report of the Geological Survey entitled "Water Resources Data for Florida, Part 1: Surface Water Records, Volume 1: Streams".

02329500 Little River near Quincy, Fla.

LOCATION.--Lat 30°35'14", long 84°29'48", in NW quarter sec.12, T.2 N., R.3 W., Gadsden County, near right bank at downstream side of bridge on State Highway 12, 0.5 mi (0.8 km) southwest of Shady Rest, 1.1 mi (1.8 km) downstream from confluence of Willocoochee and Attapulgus Creeks, 4.5 mi (7.2 sq km) east of Quincy, and 12 mi (19 km) upstream from mouth.

DRAINAGE AREA.--237 sq mi (614 sq km).

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 83.19 ft (25.356 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.-24 years, 284 cfs (8.043 cu m/s) 16.27 in/yr, (413 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,500 cfs (42.48 cu m/s) May 14, gage height, 10.98 ft (3.347 m); minimum, 35 cfs (1.00 cu m/s) July 20, gagè height, 1.16 (0.354 m).
Period of record: Maximum discharge, 45,600 cfs (1,290 cu m/s) Sept. 22, 1969, gage height, 24.65 ft (7.513 m) from floodmark, minimum, 6.7 cfs (0.19 cu m/s) Oct. 5, 6, 1968, July 2, 1969, gage height, 0.52 ft (0.158 m).

REMARKS.--Records Good.

REVISIONS (WATER YEARS).--WSP 1704: 1958, 1959; WSP 2105: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	125	105	138	233	905	176	16[illegible]	49	57	51	141	49
2	241	112	117	293	548	173	156	47	8[illegible]	54	11[illegible]	76
3	261	95	108	282	574	172	275	51	100	59	123	59
4	148	82	106	230	872	170	298	51	84	298	179	59
5	111	76	11[illegible]	196	896	170	436	84	140	692	236	74
6	93	78	133	154	638	164	497	66	207	755	134	224
7	83	78	136	184	496	159	463	51	136	589	133	557
8	77	76	124	249	518	152	301	57	99	195	156	653
9	73	76	110	336	653	148	218	52	143	118	149	575
10	71	80	104	277	694	142	194	47	312	42	1[illegible]	[illegible]
11	67	80	101	224	620	136	170	65	514	78	[illegible]	347
12	64	78	99	404	404	133	145	727	341	67	117	16[illegible]
13	65	75	98	397	291	131	133	1,100	164	63	134	11[illegible]
14	63	74	106	319	265	124	129	1,340	139	55	255	36
15	60	78	114	243	254	123	177	790	177	51	224	5[illegible]
16	60	75	301	199	392	126	215	443	316	45	149	1[illegible]
17	65	72	474	183	626	131	165	290	263	41	15[illegible]	333
18	62	69	406	173	523	124	133	329	126	41	124	14[illegible]
19	55	70	258	158	372	120	112	469	94	38	95	154
20	53	75	201	153	295	120	106	436	69	35	75	114
21	54	93	265	180	240	147	94	284	62	76	77	9[illegible]
22	54	373	26[illegible]	226	265	252	82	152	54	135	143	[illegible]
23	54	460	149	221	35[illegible]	252	75	118	5[illegible]	74	146	71
24	54	326	156	199	306	230	75	1[illegible]	108	65	136	[illegible]
25	56	215	149	174	237	182	71	96	146	9[illegible]	111	51
26	53	156	167	165	196	240	73	73	102	270	58	[illegible]
27	53	134	325	154	179	279	65	72	79	339	8[illegible]	[illegible]
28	52	135	353	147	175	266	57	65	71	325	5[illegible]	67
29	53	176	276	245	------	321	54	56	62	225	55	69
30	52	163	212	511	------	254	5[illegible]	54	55	222	49	98
31	59	------	202	887	------	202	------	50	------	145	47	------
TOTAL	2,489	3,839	5,929	8,846	12,875	5,519	5,176	7,712	4,341	5,315	3,[illegible]	[illegible]
MEAN	80.3	128	191	285	460	178	173	249	145	171	12[illegible]	173
MAX	201	461	474	887	905	321	437	1,340	514	755	25[illegible]	[illegible]
MIN	52	69	98	147	175	123	53	47	51	36	47	[illegible]
CFSM	.34	.54	.81	1.19	1.94	.75	.73	1.[illegible]5	.61	.72	[illegible]	.7[illegible]
IN.	.39	.60	.93	1.28	2.02	.97	.81	1.21	.58	.83	.[illegible]	.[illegible]

CAL YR 1973 TOTAL 159,131 MEAN 436 MAX 7,930 MIN 52 CFSM 1.84 IN 24.[illegible]
WTR YR 1974 TOTAL 70,318 MEAN 193 MAX 1,340 MIN 36 CFSM .81 IN 11.[illegible]

PEAK DISCHARGE (BASE, 1,500 CFS).--May 14 (0100) 1,500 cfs (10.98 ft).

02329700 Rocky Comfort Creek near Quincy, Fla.

LOCATION.--Lat 30°32'44", long 84°38'09", in NE quarter sec. 28, T.2 N., R.4 W., Gadsden County, on left bank 15 ft (5 m) upstream from bridge on State Highway 274, 1.3 mi (2.1 km) upstream from Vote Creek, 4.5 mi (7.2 km) southwest of Quincy, and 9.2 mi (14.8 km) upstream from mouth.

DRAINAGE AREA.--9.46 sq mi (24.50 sq km).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft (30.480 m) above mean sea level, unadjusted.

AVERAGE DISCHARGE.--10 years, 16.3 cfs (0.462 cu m/s), 23.40 in/yr (594 mm/yr).

EXTREMES.--Current year: Maximum discharge, 118 cfs (3.34 cu m/s) May 12, gage height, 36.97 ft (11.268 m); minimum, 2.6 cfs (0.074 cu m/s) July 15, 16, gage height, 34.21 ft (10.427 m).
Period of record: Maximum discharge, 7,610 cfs (216 cu m/s) Sept. 21, 1969, gage height, 42.50 ft (12.954 m) from floodmarks, from rating curve extended above 2,680 cfs (75.9 cu m/s) on basis of slope-area measurement of park flow; minimum, 0.86 cfs (0.024 cu m/s) July 1, 1968; minimum gage height, 33.91 ft (10.336 m) June 21, 22, 1970.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	11	11	16	11	8.6	10	9.4	6.0	3.9	6.5	5.1
2	16	9.9	11	13	11	8.3	16	9.1	6.3	3.7	10	4.9
3	17	9.6	11	12	12	8.3	14	9.1	7.4	6.5	13	5.1
4	15	9.7	11	11	11	8.0	12	9.1	9.4	38	11	5.3
5	14	10	11	11	10	8.0	19	11	6.5	12	8.6	7.1
6	13	9.4	11	11	9.7	7.7	12	11	5.8	9.7	8.6	43
7	13	9.4	12	13	15	7.4	11	11	6.0	8.6	9.7	22
8	12	9.7	11	12	19	7.1	13	9.7	9.7	7.1	8.8	21
9	12	11	11	11	12	7.1	13	8.6	23	5.5	7.4	15
10	12	11	10	10	11	6.8	11	6.8	17	5.5	6.3	11
11	12	9.7	9.7	20	9.7	6.5	11	20	11	6.0	6.0	8.6
12	11	9.7	10	17	9.4	6.3	11	45	8.3	4.5	6.3	8.3
13	11	9.7	11	11	9.4	6.0	11	12	7.7	5.1	6.5	6.5
14	11	9.7	11	10	9.1	6.0	11	9.4	13	4.5	8.0	5.8
15	11	9.7	19	10	9.1	6.3	17	10	8.8	3.9	6.5	6.0
16	11	9.7	34	9.4	25	6.8	13	11	7.1	4.1	7.7	11
17	11	9.1	16	9.4	13	6.0	12	19	6.3	5.3	8.0	8.8
18	11	9.4	13	9.1	11	6.0	12	19	6.0	5.1	6.3	6.8
19	10	9.7	12	8.8	10	6.0	12	10	6.0	6.3	5.8	6.3
20	10	9.7	18	8.8	9.4	13	11	9.7	6.0	5.3	10	5.5
21	10	26	13	11	9.1	26	10	9.4	5.8	6.3	10	5.1
22	10	23	11	8.8	17	15	10	9.4	5.5	4.7	8.0	4.9
23	9.9	14	11	8.6	11	15	11	9.1	5.5	5.8	6.8	4.7
24	9.7	12	10	8.3	10	12	10	9.1	6.0	8.0	6.3	7.1
25	9.6	11	10	8.0	9.1	11	9.7	9.1	5.8	8.0	6.0	7.1
26	9.6	11	22	8.0	8.8	13	9.7	8.3	5.5	15	5.5	5.5
27	9.4	10	21	7.7	9.1	11	9.4	8.3	5.1	17	5.3	5.5
28	9.4	17	14	7.7	8.6	17	9.4	7.7	4.7	10	5.1	6.5
29	9.2	13	12	19	------	17	9.7	7.7	4.5	11	5.1	7.1
30	9.2	12	13	29	------	13	9.4	6.3	4.5	8.0	5.1	5.1
31	11	------	12	13	------	11	------	6.0	------	7.7	4.9	------
TOTAL	355.0	345.8	412.7	362.6	319.5	307.2	350.3	350.3	230.2	252.1	229.1	271.7
MEAN	11.5	11.5	13.3	11.7	11.4	9.91	11.7	11.3	7.67	8.13	7.39	9.06
MAX	17	26	34	29	25	26	19	45	23	38	13	43
MIN	9.2	9.1	9.7	7.7	8.6	6.0	9.4	6.0	4.5	3.7	4.9	4.7
CFSM	1.22	1.22	1.41	1.24	1.21	1.05	1.24	1.19	.81	.86	.78	.96
IN.	1.40	1.36	1.62	1.43	1.26	1.21	1.38	1.38	.91	.99	.90	1.07

CAL YR 1973 TOTAL 7,766.5 MEAN 21.3 MAX 349 MIN 9.1 CFSM 2.25 IN 30.54
WTR YR 1974 TOTAL 3,786.5 MEAN 10.4 MAX 45 MIN 3.7 CFSM 1.10 IN 14.89

PEAK DISCHARGE (BASE, 300 CFS).--No peak above base.
NOTE.--No gage height record May 18 to July 2.

02330000 Ochlockonee River near Bloxham, Fla.

LOCATION.--Lat 30°22'59", long 84°39'18", in NE quarter sec.20, T.1 S., R.4 W., Liberty County, on downstream side of right pier of bridge on State Highway 20, 3,000 ft (914 m) downstream from control structure, 1.5 mi (2.4 km) southwest of Bloxham, and 65 mi (104 km) upstream from mouth.

DRAINAGE AREA.--1,720 sq mi (4,450 sq km), approximately.

PERIOD OF RECORD.--June 1926 to current year. Prior to October 1954, low-flow records based on discharge measurements made at various sites within 3,000 ft (914 m) upstream from gage; subsequent low-flow records based on discharge measurements made at site 0.8 mi (1.2 km) downstream from gage. Low-flow records not equivalent owing to seepage inflow .

GAGE.--Water-stage recorder. Datum of gage is 24.69 ft (7.526 m) above mean sea level. Prior to Apr. 9, 1930, nonrecording gage at site 2,700 ft (823 m) upstream at datum 5.00 ft (1.524 m) higher. Apr. 9, 1930, to Jan. 19, 1939, water-stage recorder at site 2,000 ft (610 m) upstream, and Jan. 20, 1939, to Sept. 30, 1954, at present site at datum 5.00 ft (1.524 m) higher.

AVERAGE DISCHARGE.--28 years (1926-54, 1,614 cfs (45.71 cu m/s), 12.74 in/yr (324 mm/yr), unadjusted; 20 years (1954-74), 1765 cfs (50.00 cu m/s) 13.94 in/yr (354 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,010 cfs (142 cu m/s) Feb. 17, gage height, 15.14 ft (4.615 m); minimum, 106 cfs (3.00 cu m/s) Jan. 3, 8, 9, gage height, 3.17 ft (0.966 m).

Period of record: Maximum discharge, 89,400 cfs (2,530 cu m/s) Sept. 23, 1969, gage height, 29.2 ft (8.90 m), from floodmark; maximum gage height, 32.64 ft (9.949 m) Sept. 30, 1957, from floodmarks; minimum discharge since October 1954, 1.0 cfs (0.028 cu m/s) Nov. 1, 2, 1957, caused by closure of breaks in earth embankment of Jackson Bluff Dam (indeterminate prior to October 1954).

Maximum stage since 1834, 32.64 ft (9.949 m) Sept. 30, 1957 (from floodmarks) from information recorded by local resident.

REMARKS.--Records fair. Flow regulated since 1929 by control structure above station and storage in Lake Talquin (see Sta. 02329900).

REVISIONS (WATER YEARS).--WSP 1002: 1940-42. WSP 1704: 1958-59. WSP 1905: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,180	280	2,190	449	1,700	2,260	1,690	453	780	194	874	847
2	1,200	380	2,090	150	1,590	2,110	1,830	430	1,060	200	905	844
3	1,180	406	1,890	110	896	1,790	2,560	423	1,530	205	1,340	739
4	1,170	409	2,140	1,400	806	1,510	2,710	418	1,330	254	1,300	598
5	942	406	2,150	2,380	1,030	1,430	3,590	415	876	453	1,270	524
6	502	402	2,150	2,050	1,300	1,510	4,190	413	590	1,260	930	1,550
7	318	404	2,130	254	1,330	1,470	4,260	410	528	1,700	908	4,900
8	278	409	2,050	107	1,320	1,370	4,160	410	598	1,550	1,060	4,740
9	274	411	1,950	372	1,340	1,090	3,890	423	750	1,180	1,250	3,560
10	272	430	2,090	1,330	1,280	990	3,560	423	1,060	887	923	2,360
11	245	411	2,090	1,900	1,220	984	3,580	610	1,910	358	884	1,670
12	216	336	2,080	1,970	1,210	975	3,580	2,370	1,770	258	794	1,400
13	212	243	2,050	1,980	1,640	963	3,530	2,950	1,420	254	633	1,320
14	225	224	2,010	1,960	2,940	960	3,410	2,850	984	250	1,130	1,380
15	342	224	1,980	1,940	3,440	960	3,530	2,790	1,260	250	1,080	1,580
16	352	224	2,060	1,930	4,380	960	3,470	2,850	1,610	278	871	2,460
17	348	224	1,640	1,970	4,820	996	3,000	2,800	1,630	306	1,030	2,980
18	418	225	1,190	1,920	4,850	1,700	2,400	2,750	1,290	304	1,230	3,400
19	423	225	1,010	1,890	4,270	515	2,830	2,760	765	306	1,250	3,390
20	418	227	2,210	1,840	3,430	440	2,700	2,610	573	304	1,070	2,870
21	416	260	2,790	1,670	2,630	650	2,650	2,290	585	306	862	2,130
22	388	702	2,550	1,140	2,380	930	2,430	2,350	648	590	948	1,730
23	260	1,200	2,040	859	3,060	1,430	1,980	1,990	648	893	1,280	1,490
24	252	1,250	1,180	838	2,990	1,590	1,670	2,190	756	911	1,280	1,180
25	205	1,250	856	817	2,760	1,710	1,170	2,430	840	868	1,270	736
26	166	1,500	1,060	939	2,590	2,210	831	2,440	771	874	1,340	430
27	157	1,750	2,090	1,110	2,540	2,080	663	2,120	605	893	1,200	423
28	150	1,970	2,780	1,270	2,300	1,780	653	1,290	408	899	874	423
29	148	2,190	2,540	1,370	------	1,780	645	906	207	884	850	425
30	148	2,170	2,100	1,550	------	1,680	530	786	189	868	847	522
31	171	------	1,240	1,690	------	1,590	------	780	------	890	847	------
TOTAL	12,976	20,742	60,376	41,155	66,042	42,413	77,692	49,130	27,971	19,627	32,330	52,601
MEAN	419	691	1,948	1,328	2,359	1,368	2,590	1,585	932	633	1,043	1,753
MAX	1,200	2,190	2,790	2,380	4,850	2,260	4,260	2,950	1,910	1,700	1,340	4,900
MIN	148	224	856	107	806	440	530	410	189	194	633	423
(*)	-26	-202	-1,255	+39	+1,554	-46	+34	-24	-17	-8	+24	+34

ADJUSTED FOR CHANGE IN CONTENT IN LAKE TALQUIN

MEAN	393	489	693	1,367	3,913	1,322	2,624	1,561	915	625	1,067	1,787
CFSM	.23	.28	.40	.79	2.28	.77	1.53	.91	.53	.36	.62	1.04
IN.	.26	.32	.46	.92	2.37	.89	1.70	1.05	.59	.42	.72	1.16

	OBSERVED						ADJUSTED					
CALENDAR YEAR 1973:	TOTAL	1,130,499	MEAN	3,097	MAX	32,100	MIN	148	MEAN	3,030	CFSM	1.76	IN.	23.91
WATER YEAR 1974:	TOTAL	503,055	MEAN	1,378	MAX	4,900	MIN	107	MEAN	1,375	CFSM	.80	IN.	10.85

* Change in contents, equivalent in cubic feet per second, in Lake Talquin.

02330300 New River near Wilma, Fla.

LOCATION.--Lat 30°07'40", long 84°53'45", in SW quarter sec. 13, T.4 S., R.7 W., Liberty County, Apalachicola National Forest, near center of downstream side of Carr Bridge on U. S. Forest Road 13, 2.2 mi (3.5 km) upstream from West Prong New River, 4.5 mi (7.2 km) southeast of Wilma, and 40 mi (64 km) upstream from mouth.

DRAINAGE AREA.--81.7 sq mi (211.6 sq km).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Florida State Road Department bench mark).

AVERAGE DISCHARGE.--10 years, 164 cfs, (4.644 cu m/s), 27.26 in/yr (692 mm/yr).

EXTREMES.--Current year: Maximum discharge, 1,810 cfs (51.3 cu m/s) Sept. 9, gage height, 45.33 ft (13.817 m); minimum, no flow Oct. 21-Nov. 1, Nov. 18-21, May 10-11; minimum gage height, 37.46 ft (11.418 m) Oct. 31.
Period of record: Maximum discharge, 8,810 cfs (250 cu m/s) Sept. 22, 1969, gage height, 50.67 ft (15.444 m); no flow at times most years; minimum gage height, 37.16 ft (11.326 m) May 21, 22, 1967, June 15, 27, 1968.

REMARKS.--Records fair, except those below 2 cfs which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	.02	8.5	239	91	30	136	1.3	4.7	1.9	221	181
2	12	.23	6.9	212	96	26	122	1.1	7.3	1.4	194	157
3	12	.35	5.8	187	96	23	130	.93	20	.93	211	146
4	16	.23	5.2	163	96	20	127	.80	15	.88	205	164
5	12	.28	5.2	147	90	17	157	.35	11	11	186	245
6	8.7	.35	6.1	136	83	15	209	.19	11	54	168	600
7	6.7	.28	5.2	131	90	13	200	.12	12	52	192	1,140
8	5.3	.28	4.4	142	99	11	177	.05	13	78	225	1,570
9	4.3	.19	3.9	136	108	9.8	157	.03	13	82	218	1,760
10	3.5	.19	3.5	124	109	8.5	141	.01	67	77	251	1,480
11	2.4	.10	2.9	120	101	7.4	129	.28	151	77	200	1,090
12	1.8	.05	2.4	168	91	6.5	114	18	205	77	216	798
13	1.3	.04	2.5	216	82	5.7	100	33	204	59	181	592
14	1.0	.03	4.2	205	72	4.7	87	32	159	41	155	429
15	.80	.03	5.7	186	63	4.0	76	24	127	30	184	314
16	.43	.03	32	168	82	3.7	61	17	101	19	304	251
17	.23	.03	68	154	105	3.3	47	14	82	12	336	239
18	.12	.02	62	140	92	2.6	37	34	62	7.4	275	229
19	.04	.02	49	127	82	2.1	29	47	46	5.0	218	207
20	.03	.02	46	115	71	2.4	21	50	35	3.7	189	186
21	.01	.97	62	109	60	3.2	16	38	25	3.7	251	164
22	0	14	58	104	57	7.1	12	28	18	3.0	229	147
23	0	12	49	95	61	7.1	9.8	22	13	3.3	241	126
24	0	8.5	42	84	59	8.7	7.9	18	9.8	8.3	227	107
25	0	6.9	36	75	52	106	6.1	13	7.9	36	189	89
26	0	6.3	67	65	44	382	4.6	9.1	5.8	71	162	75
27	0	5.4	277	56	38	309	3.7	11	5.0	113	171	65
28	0	7.3	376	48	33	231	2.6	13	4.1	180	251	55
29	0	15	333	61	------	195	1.9	11	2.4	257	264	59
30	0	11	284	68	------	177	1.5	8.3	1.5	302	245	71
31	0	------	260	76	------	156	------	6.3	------	247	205	------
TOTAL	101.66	90.14	2,173.4	4,057	2,203	1,797.8	2,323.1	451.86	1,438.5	1,914.51	6,764	12,736
MEAN	3.28	3.00	70.1	131	78.7	58.0	77.4	14.6	48.0	61.8	218	425
MAX	16	15	376	239	109	382	209	50	205	302	336	1,760
MIN	0	.02	2.4	48	33	2.1	1.5	.01	1.5	.88	155	55
CFSM	.04	.04	.86	1.60	.96	.71	.95	.18	.59	.76	2.67	5.20
IN.	.05	.04	.99	1.85	1.00	.82	1.06	.21	.65	.87	3.08	5.80

CAL YR 1973 TOTAL 66,690.35 MEAN 183 MAX 2,930 MIN 0 CFSM 2.24 IN 30.37
WTR YR 1974 TOTAL 36,050.97 MEAN 98.8 MAX 1,760 MIN 0 CFSM 1.21 IN 16.41

02358000 Apalachicola River at Chattahoochee, Fla.

LOCATION.--Lat 30°42'03", long 84°51'33", in NW quarter sec.32, T.4 N., R.6 W., Jackson County, on downstream side of right main pier of bridge on U.S. Highway 90, 0.6 mi (1.0 km) downstream from Jim Woodruff Dam, 0.6 mi (1.0 km) upstream from Mosquito Creek, 1 mi (1.6 km) west of Chattahoochee, and 106 mi (171 km) upstream from mouth.

DRAINAGE AREA.--17,200 sq mi (44,500 sq km), approximately.

PERIOD OF RECORD.--October 1928 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1939, published as "near River Junction." Gage-height records collected at site 0.9 mi (1.4 km) downstream October 1919 to September 1925 and at site approximately 100 ft (30 m) downstream October 1925 to December 1958 are contained in reports of U.S. Weather Bureau.

GAGE.--Water-stage recorder. Datum of gage is 40.58 ft (12.369 m) above mean sea level (U.S. Weather Bureau bench mark). Prior to Dec. 16, 1939, water-stage recorder at site 0.9 mi (1.4 km) downstream at datum 4.27 ft (1.301 m) higher. Dec. 16, 1939, to June 25, 1952, water-stage recorder, June 26, 1952, to June 2, 1954, nonrecording gage, and June 3, 1954, to Oct. 14, 1958, water-stage recorder, at site approximately 100 ft (30 m) downstream at datum 5.00 ft (1.524 m) higher.

AVERAGE DISCHARGE.--46 years, 22,100 cfs (625.9 cu m/s), (unadjusted).

EXTREMES.--Current year: Maximum discharge, 77,200 cfs (2,190 cu m/s) Apr. 7, gage height, 22.05 ft (6.721 m); minimum, 10,200 cfs (289 cu m/s) Sept. 23, gage height, 2.75 ft (0.838 m).

Period of record: Maximum discharge, 293,000 cfs (8,300 cu m/s) Mar. 20, 1929, gage height, 38.97 ft (11.878 m), present datum, from rating curve extended above 200,000 cfs (5,660 cu m/s); minimum, 4,950 cfs (140 cu m/s) Oct. 27, 1954, minimum gage height, 0.46 ft (0.140 m) Nov. 4, 1968.

Maximum stage since at least 1919, that of Mar. 20, 1929.

REMARKS.--Records good. Flow regulated by Lake Seminole Reservoir (02357500) 0.6 mi (1.0 km) upstream since Feb. 4, 1957. Walter F. George Reservoir (02343240) since 1962, Bartlett's Ferry Reservoir (02341000) since 1926, and Lake Sidney Lanier Reservoir (02324400) since 1956. See page for table of gage height.

REVISIONS.--WSP 1906: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13,700	10,800	19,000	36,200	61,500	48,300	25,500	17,800	18,900	11,400	13,800	11,300
2	12,200	10,800	15,500	50,200	61,100	38,900	40,200	19,600	15,200	11,200	12,900	11,300
3	12,900	10,900	14,000	56,200	58,600	24,400	46,200	18,800	14,600	11,800	11,700	11,100
4	11,800	10,900	14,400	58,300	52,200	23,100	50,300	14,200	14,300	13,700	11,200	11,100
5	13,600	10,900	15,500	60,300	44,400	34,700	69,000	12,500	14,400	11,600	11,100	11,000
6	13,700	10,800	19,200	59,500	48,200	32,000	75,800	13,600	14,400	11,500	11,200	15,000
7	12,900	10,800	22,200	59,500	50,500	26,600	76,800	15,000	14,600	11,300	11,500	22,900
8	12,400	10,800	19,300	55,600	61,900	33,500	72,400	14,200	14,600	11,200	11,500	26,900
9	12,500	10,900	16,800	48,100	69,900	28,400	67,100	13,900	14,400	11,600	16,500	20,100
10	13,600	11,200	15,400	36,100	70,200	20,600	67,700	13,800	16,100	13,500	20,600	21,300
11	13,100	11,200	15,300	37,300	70,100	20,500	65,800	12,800	19,000	17,400	19,300	21,300
12	12,300	10,800	15,900	44,100	69,300	23,300	61,700	15,400	18,500	17,100	15,300	20,500
13	12,300	10,800	15,900	34,700	67,100	30,800	54,300	19,900	21,100	12,100	14,000	20,800
14	11,900	10,900	16,000	26,600	66,100	29,400	43,100	20,400	27,200	11,500	14,400	20,700
15	11,700	11,100	15,100	35,000	58,200	22,100	43,700	22,000	19,000	11,300	15,400	20,600
16	11,300	11,400	15,400	36,700	54,300	20,400	49,900	23,600	15,500	11,200	19,900	16,400
17	11,100	11,300	14,600	29,600	55,200	20,100	48,400	22,800	16,300	11,200	20,200	12,500
18	11,000	11,000	13,000	26,400	57,400	16,700	42,400	22,700	18,400	11,400	17,700	11,800
19	10,900	10,900	12,900	23,700	63,400	14,800	37,200	20,000	18,300	11,600	15,400	11,700
20	10,700	10,800	13,100	20,600	64,700	17,100	31,400	18,100	17,800	11,500	16,900	13,000
21	10,700	12,500	14,400	24,000	60,300	21,800	21,000	20,100	16,100	11,200	17,000	11,700
22	10,800	12,400	15,000	36,400	58,500	22,400	19,500	20,500	14,600	11,100	17,100	11,600
23	10,700	11,400	17,600	44,300	61,800	16,400	19,600	19,500	14,700	10,900	19,500	11,600
24	10,700	11,600	14,700	44,300	58,100	15,500	20,000	20,600	14,700	10,900	17,000	11,400
25	10,800	11,000	13,000	36,400	60,800	19,100	20,200	21,200	13,500	11,000	13,500	10,800
26	10,700	13,100	12,900	36,100	55,800	26,200	20,300	19,600	11,400	11,200	11,300	10,900
27	10,700	19,900	17,900	40,200	44,600	28,500	17,700	19,500	11,300	11,200	11,200	10,800
28	10,800	23,400	30,500	50,000	44,400	30,500	15,100	19,500	11,300	10,900	11,500	10,900
29	10,700	24,500	26,100	56,800	------	35,800	14,800	19,800	11,700	11,000	14,700	11,000
30	10,700	21,800	24,300	60,500	------	34,600	14,700	20,300	11,700	11,900	13,900	10,900
31	10,700	------	22,700	61,300	------	24,000	------	20,400	------	13,000	11,800	------
TOTAL	363,600	380,600	527,600	1,325.0M	1,648.6M	800,500	1,251.8M	572,100	473,600	369,400	459,000	442,900
MEAN	11,730	12,690	17,020	42,740	58,880	25,820	41,730	18,450	15,790	11,920	14,810	14,760
MAX	13,700	24,500	30,500	61,300	70,200	48,300	76,800	23,600	27,200	17,400	20,600	26,900
MIN	10,700	10,800	12,900	20,600	44,400	14,800	14,700	12,500	11,300	10,900	11,100	10,800

CAL YR 1973 TOTAL 11,775,600 MEAN 32,260 MAX 127,000 MIN 10,700
WTR YR 1974 TOTAL 8,614,700 MEAN 23,600 MAX 76,800 MIN 10,700

02358000 Apalachicola River at Chattahoochee, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.67	3.13	6.71	12.48	18.76	15.77	9.05	6.25	6.66	3.47	4.62	3.46
2	3.92	3.11	5.35	16.22	18.66	13.23	13.62	6.94	5.20	3.35	4.23	3.43
3	4.28	3.15	4.69	17.58	18.11	8.66	15.23	6.63	4.94	3.67	3.65	3.31
4	3.66	3.17	4.87	18.03	16.65	8.20	16.27	4.77	4.83	4.58	3.37	3.30
5	4.64	3.15	5.32	18.49	14.79	11.99	20.39	4.04	4.89	3.56	3.30	3.25
6	4.69	3.10	6.77	18.30	15.76	11.15	21.76	4.55	4.88	3.50	3.36	5.25
7	4.29	3.10	7.89	18.32	16.32	9.48	21.95	5.13	4.96	3.42	3.49	8.12
8	4.03	3.12	6.84	17.45	18.81	11.64	21.08	4.81	4.94	3.35	3.50	9.50
9	4.08	3.18	5.86	15.66	20.58	10.01	19.99	4.66	4.86	3.59	5.71	7.13
10	4.65	3.34	5.31	12.44	20.65	7.31	20.13	4.63	5.57	4.48	7.34	7.59
11	4.37	3.33	5.24	12.78	20.63	7.27	19.70	4.20	6.72	6.09	6.83	7.58
12	3.97	3.12	5.49	14.71	20.48	8.27	18.79	5.26	6.55	5.98	5.25	7.30
13	3.96	3.10	5.48	12.00	20.00	10.76	17.16	7.07	7.49	3.82	4.72	7.38
14	3.73	3.16	5.56	9.45	19.76	10.33	14.35	7.25	9.65	3.53	4.87	7.37
15	3.63	3.31	5.18	12.09	18.00	7.85	14.55	7.81	6.68	3.39	5.29	7.31
16	3.39	3.45	5.29	12.60	17.15	7.25	16.18	8.38	5.35	3.34	7.06	5.76
17	3.31	3.38	4.19	10.40	17.36	7.13	15.76	8.10	5.65	3.35	7.18	4.12
18	3.24	3.21	4.28	9.38	17.85	5.82	14.23	8.06	6.51	3.48	6.23	3.70
19	3.20	3.15	4.23	8.41	19.17	5.03	12.76	7.08	6.47	3.56	5.34	3.64
20	3.05	3.14	4.33	7.32	19.46	5.95	10.94	6.37	6.25	3.50	5.95	4.30
21	3.08	3.98	4.87	8.51	18.49	7.74	7.47	7.12	5.57	3.32	6.00	3.66
22	3.13	3.99	5.14	12.52	18.07	7.95	6.90	7.29	4.96	3.30	6.07	3.62
23	3.07	3.44	6.19	14.75	18.83	5.68	6.94	6.90	5.00	3.19	6.95	3.56
24	3.07	3.54	4.98	14.74	18.00	5.33	7.11	7.28	5.01	3.19	6.06	3.44
25	3.13	3.26	4.28	12.52	18.61	6.69	7.18	7.55	4.46	3.22	4.59	3.11
26	3.07	4.24	4.23	12.43	17.47	9.33	7.21	6.94	3.43	3.33	3.41	3.16
27	3.07	7.06	6.28	13.62	14.79	10.05	6.21	6.90	3.38	3.32	3.39	3.13
28	3.09	8.31	10.70	16.17	14.79	10.66	5.18	6.91	3.38	3.17	3.57	3.16
29	3.07	8.72	9.28	17.71	------	12.35	5.04	7.00	3.63	3.24	5.24	3.24
30	3.08	7.74	8.62	18.53	------	11.98	5.01	7.20	3.65	3.71	4.89	3.18
31	3.08	-----	8.06	18.70	------	8.52	------	7.23	------	4.26	3.74	------
MEAN	3.64	3.94	5.86	14.01	18.14	9.01	13.27	6.46	5.38	3.69	5.01	4.87
MAX	4.69	8.72	10.70	18.70	20.65	15.77	21.95	8.38	9.65	6.09	7.34	9.50
MIN	3.05	3.10	4.19	7.32	14.79	5.03	5.01	4.04	3.38	3.17	3.38	3.11

CAL YR 1973 MEAN 10.68 MAX 28.41 MIN 3.05
WTR YR 1974 MEAN 7.70 MAX 21.95 MIN 3.05

02358700 Apalachicola River near Blountstown, Fla.

LOCATION.--Lat 30°25'30", long 85°01'53", in NE quarter sec.3, T.1 S., R.8 W., Calhoun County, on right bank 500 ft (152 m) upstream from Neal Lumber Company Landing at McNeal, 0.5 mi (0.8 km) upstream from Old River cutoff, 1.5 mi (2.4 km) southeast of Blountstown, and 78 mi (126 km) upstream from mouth.

DRAINAGE AERA.--17,600 sq mi (45,600 sq km), approximately.

PERIOD OF RECORD.--October 1957 to current year. Gage-height records collected in this vicinity since January 1920 are contained in reports of U.S. Weather Bureau. Miscellaneous discharge measurements for some periods August 1938 to August 1957 are in files of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 26.96 ft (8.217 m) above mean sea level (U.S. Weather Bureau bench mark). Prior to Sept. 17, 1921, nonrecording gage near present site at different datum. Sept. 17, 1921, to Aug. 28, 1957, nonrecording gage at several sites within 500 ft (152 m) of present site at present datum. Since Aug. 26, 1960, auxiliary nonrecording gage at site 2.2 mi (3.5 km) upstream at bridge on State Highway 20, at present datum.

AVERAGE DISCHARGE.--17 years, 24,160 cfs (684.2 cu m/s).

EXTREMES.--Current year: Maximum discharge, 77,100 cfs (2,180 cu m/s) Apr.8, gage height, 20.32 ft (6.194 m); minimum daily discharge, 11,500 cfs (326 cu m/s) Oct. 25, gage height, 4.70 ft (1.433 m).

Period of record: Maximum discharge, 162,500 cfs (4,600 cu m/s) Apr. 9, 1960; maximum gage height, 24.38 ft (7.431 m) Mar. 8, 1966; minimum daily, 6,280 cfs (178 cu m/s) Oct. 29, 1962; minimum daily gage height, 1.75 ft (0.533 m) Oct. 31, Nov. 4, 6, 7, 1968. A discharge of 5,370 cfs (152 cu m/s) was measured, Oct. 4, 1955.

Maximum stage known since at least 1920, 28.6 ft (8.72 m) present datum, Mar. 21, 1929, from U.S. Weather Bureau records.

REMARKS.--See page for table of gage height.

COOPERATION.--Records furnished by Corps of Engineers.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16,500	11,800	20,100	28,100	57,400	44,100	24,900	16,900	19,700	12,200	14,300	12,800
2	13,800	11,700	18,100	37,800	58,400	42,400	32,100	18,600	17,800	12,100	14,600	12,400
3	14,000	11,700	16,100	45,200	56,800	32,600	39,000	18,700	16,000	12,200	13,400	12,300
4	13,500	11,800	14,800	49,900	54,300	25,600	42,800	17,200	15,600	13,400	12,900	12,100
5	14,000	11,800	16,200	53,800	47,400	29,700	50,700	14,000	15,400	15,400	12,400	12,200
6	15,000	11,800	17,100	55,700	44,500	32,900	66,600	13,400	15,400	12,600	12,300	13,800
7	14,500	11,700	21,300	56,000	45,400	28,400	75,200	15,200	15,400	12,200	12,500	19,800
8	14,200	11,700	20,500	55,300	47,500	30,200	76,300	15,100	15,600	12,100	12,600	26,500
9	13,500	11,700	18,500	50,700	58,800	31,200	70,200	14,100	15,600	12,100	14,300	22,900
10	14,400	11,900	17,000	42,200	66,400	24,300	67,000	14,300	15,600	13,300	19,100	21,300
11	14,700	12,100	16,200	36,500	68,800	21,800	66,000	14,800	16,400	15,800	19,600	22,100
12	13,900	11,900	16,400	39,700	69,500	21,600	62,200	16,600	18,300	17,700	17,900	21,000
13	13,500	11,700	16,600	38,200	67,400	27,300	56,000	19,000	19,900	15,900	15,400	21,000
14	13,300	11,700	16,600	30,700	65,800	29,800	47,900	20,000	24,100	13,000	15,200	21,000
15	13,000	11,900	16,500	31,000	61,200	25,400	41,900	20,800	23,400	12,300	15,500	20,900
16	12,700	12,200	16,600	34,400	54,200	22,100	43,800	22,200	17,800	11,700	18,000	19,700
17	12,400	12,300	16,500	32,000	51,700	21,200	45,500	22,200	16,300	11,600	20,100	15,800
18	12,200	12,000	15,400	27,900	51,700	19,600	43,300	22,600	18,000	11,700	19,600	14,000
19	12,100	11,800	14,400	25,800	54,500	17,100	38,700	21,100	18,700	12,500	16,700	13,300
20	11,800	11,800	14,400	22,100	59,300	16,900	34,600	18,700	18,700	12,500	17,200	14,000
21	11,700	11,900	14,600	22,000	59,800	20,000	28,000	19,500	17,500	12,300	17,400	13,700
22	11,800	14,400	16,100	29,200	56,000	23,400	22,700	20,200	16,000	12,100	17,600	13,200
23	11,800	12,800	17,200	36,400	56,600	19,700	20,900	20,200	15,400	12,000	18,800	13,100
24	11,700	12,600	17,100	40,400	57,200	17,400	20,800	19,100	15,500	11,800	19,000	12,900
25	11,500	12,300	14,900	37,800	55,800	17,800	20,600	20,000	15,600	12,000	16,600	12,400
26	11,700	12,200	14,300	35,200	55,800	23,300	20,600	20,100	13,600	12,200	13,500	12,100
27	11,600	16,900	17,000	36,100	49,300	27,400	20,300	19,700	12,400	12,400	12,500	12,200
28	11,700	21,200	27,200	40,400	44,800	28,100	17,800	19,700	11,900	12,200	12,400	12,300
29	11,600	23,300	26,400	46,900	------	32,200	16,500	19,700	12,300	12,000	14,000	12,400
30	11,600	23,400	25,300	51,700	------	33,800	16,200	19,900	12,300	12,800	15,900	12,300
31	11,700	------	22,300	56,300	------	29,200	------	20,200	------	13,200	14,400	------
TOTAL	401,400	398,000	551,700	1,225.4M	1,576.3M	816,500	1,229.1M	573,800	496,200	397,300	485,700	475,500
MEAN	12,950	13,270	17,800	39,530	56,300	26,340	40,970	18,510	16,540	12,820	15,670	15,850
MAX	16,500	23,400	27,200	56,300	69,500	44,100	76,300	22,600	24,100	17,700	20,100	26,500
MIN	11,500	11,700	14,300	22,000	44,500	16,900	16,200	13,400	11,900	11,600	12,300	12,100

CAL YR 1973 TOTAL 12,355,900 MEAN 33,850 MAX 140,000 MIN 11,500
WTR YR 1974 TOTAL 8,626,900 MEAN 23,640 MAX 76,300 MIN 11,500

02358700 Apalachicola River near Blountstown, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.28	4.73	9.05	12.27	18.74	16.75	11.08	7.48	8.88	4.97	6.09	5.30
2	5.87	4.72	8.12	15.33	18.84	16.41	13.63	8.35	7.95	4.92	6.27	5.10
3	5.94	4.72	7.05	16.96	18.68	13.80	15.62	8.40	7.01	4.97	5.65	5.05
4	5.67	4.74	6.38	17.79	18.41	11.37	16.50	7.65	6.80	5.64	5.36	4.93
5	5.97	4.76	7.11	18.34	17.38	12.83	17.92	5.96	6.69	6.69	5.10	4.95
6	6.48	4.74	7.58	18.57	16.83	13.91	19.55	5.64	6.69	5.19	5.01	5.86
7	6.24	4.69	9.63	18.60	17.06	12.36	20.20	6.59	6.69	4.97	5.14	8.92
8	6.09	4.69	9.23	18.53	17.39	13.00	20.27	6.54	6.80	4.92	5.22	11.68
9	5.69	4.70	8.29	17.92	18.88	13.34	19.85	6.01	6.80	4.92	6.10	10.30
10	6.18	4.82	7.54	16.37	19.53	10.85	19.58	6.12	6.80	5.58	8.59	9.63
11	6.35	4.92	7.14	14.97	19.73	9.82	19.50	6.38	7.22	6.91	8.85	9.97
12	5.89	4.83	7.21	15.79	19.79	9.72	19.18	7.33	8.20	7.90	8.01	9.49
13	5.72	4.70	7.33	15.44	19.62	11.98	18.60	8.55	8.98	6.96	6.72	9.47
14	5.58	4.70	7.34	13.16	19.48	12.86	17.47	9.02	10.78	5.42	6.57	9.48
15	5.44	4.79	7.29	13.28	19.10	11.27	16.30	9.39	10.50	5.03	6.73	9.43
16	5.25	4.95	7.33	14.36	18.39	9.95	16.70	10.00	7.95	4.69	8.04	8.90
17	5.06	5.02	7.25	13.59	18.07	9.56	17.03	10.00	7.17	4.64	9.06	6.90
18	4.97	4.88	6.55	12.18	18.07	8.84	16.61	10.17	8.05	4.69	8.84	5.94
19	4.90	4.76	6.15	11.42	18.43	7.57	15.55	9.52	8.40	5.16	7.38	5.61
20	4.76	4.74	6.19	10.96	18.93	7.46	14.43	8.40	8.40	5.16	7.64	5.98
21	4.71	4.78	6.30	10.91	18.98	9.02	12.22	8.79	7.80	5.05	7.76	5.80
22	4.74	6.17	7.04	12.65	18.60	10.52	10.21	9.11	7.01	4.93	7.85	5.55
23	4.73	5.31	7.66	14.94	18.60	8.90	9.43	9.11	6.69	4.86	8.47	5.48
24	4.68	5.17	7.61	15.95	18.72	7.76	9.39	8.59	6.75	4.75	8.53	5.38
25	4.70	5.05	6.44	15.33	18.58	7.96	9.29	9.02	6.80	4.86	7.32	5.09
26	4.69	4.95	6.14	14.62	18.58	10.47	9.29	9.07	5.75	4.96	5.72	4.94
27	4.65	7.50	7.53	14.87	17.70	12.00	9.16	8.88	5.07	5.08	5.15	4.98
28	4.67	9.57	11.94	15.95	16.89	12.26	7.95	8.88	4.81	5.00	5.10	5.01
29	4.65	10.47	11.65	17.28	------	13.68	7.27	8.88	5.03	4.88	5.95	5.06
30	4.65	10.49	11.23	18.07	------	14.17	7.12	8.98	5.03	5.28	6.97	5.03
31	4.67	------	10.03	18.63	------	12.65	------	9.11	------	5.53	6.15	------
MEAN	5.38	5.50	7.85	15.32	18.50	11.39	14.56	8.26	7.25	5.31	6.82	6.84
MAX	7.28	10.49	11.94	18.63	19.79	16.75	20.27	10.17	10.78	7.90	9.06	11.68
MIN	4.65	4.69	6.14	10.91	16.83	7.46	7.12	5.64	4.81	4.64	5.01	4.93

CAL YR 1973 MEAN 12.01 MAX 23.48 MIN 4.65
WTR YR 1974 MEAN 9.35 MAX 20.27 MIN 4.64

02359000 Chipola River near Altha, Fla.

LOCATION.--Lat 30°32'02", long 85°09'55", in NW quarter sec. 32, T.2 N., R.9 W., Calhoun County, on right bank on downstream side of bridge on State Highway 274, 0.9 mi (1.4 km) downstream from Holliman Branch, 3.5 mi (5.6 km) southwest of Altha, and 54 mi (87 km) upstream from mouth.

DRAINAGE AREA.--781 sq mi (2023 sq km).

PERIOD OF RECORD.--November 1912 to December 1913, September 1921 to September 1927, August 1929 to September 1931, March 1943 to current year. Monthly discharge only for some periods published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 19.95 ft (6.081 m) above mean sea level (levels by Corps of Engineers). Prior to Jan. 13, 1950, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--39 years (1921-27, 1929-31, 1943-74), 1,474 cfs (41.74 cu m/s), 25.63 in/yr (651 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,390 cfs (124 cu m/s) Feb. 13, gage height, 18.05 ft (5.502 m); minimum, 552 cfs (15.6 cu m/s) July 16, gage height, 8.62 ft (2.627 m).
Period of record: Maximum discharge, 25,000 cfs (708 cu m/s) Sept. 20, 1926, gage height, 33.55 ft (10.226 m) from floodmarks, from rating curve extended above 11,000 cfs (312 cu m/s) on basis of slope-area measurement of peak flow; minimum, 330 cfs (9.34 cu m/s) Oct. 31, Nov. 1, 2, 1968; minimum gage height, 8.29 ft (2.527 m) Nov. 13-15, 1954.

REMARKS.--Records good. Some regulation at low flow by reservoirs on tributaries above station.

REVISIONS (WATER YEARS).--WSP 1384: Drainage area. WSP 1504: 1924, 1925(M), 1926.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,040	741	832	1,840	2,700	2,000	1,690	1,000	728	747	708	702
2	1,130	747	814	1,840	2,810	1,870	1,680	973	721	747	721	708
3	1,080	689	796	1,740	3,000	1,790	1,820	951	728	784	728	702
4	1,030	676	790	1,670	3,260	1,720	1,790	898	796	766	721	702
5	979	695	862	1,790	3,190	1,670	1,920	957	802	784	747	702
6	951	778	910	1,920	2,910	1,620	1,990	928	790	796	916	802
7	934	772	916	1,940	2,660	1,550	2,110	1,020	820	778	1,040	862
8	916	760	874	1,910	2,820	1,530	2,230	1,040	880	778	1,180	973
9	892	721	856	1,780	3,110	1,500	2,450	1,010	886	766	1,310	1,010
10	826	715	856	1,640	3,330	1,460	2,540	962	904	766	1,290	1,010
11	820	702	832	1,600	3,810	1,420	2,440	940	984	702	1,130	957
12	808	682	796	1,970	4,240	1,380	2,220	962	990	669	1,060	898
13	802	676	796	1,930	4,370	1,350	2,080	968	968	754	1,040	850
14	790	676	850	1,900	4,130	1,310	2,020	968	928	754	990	826
15	784	676	898	2,000	3,730	1,280	1,910	951	951	734	940	790
16	784	702	1,120	2,130	3,320	1,260	1,770	946	910	584	940	747
17	784	682	1,090	2,150	2,970	1,240	1,670	940	874	676	990	721
18	772	682	957	2,030	2,720	1,210	1,620	946	886	663	995	682
19	766	682	910	1,870	2,620	1,190	1,550	1,080	856	650	922	669
20	760	676	990	1,710	2,770	1,220	1,480	1,020	814	630	814	663
21	754	715	1,000	1,660	2,900	1,330	1,370	916	814	663	814	656
22	754	772	1,010	1,610	2,890	1,420	1,280	862	760	721	808	643
23	754	760	1,000	1,590	2,770	1,440	1,240	856	760	682	820	630
24	702	850	990	1,540	2,670	1,570	1,190	838	778	708	814	617
25	669	838	984	1,610	2,560	1,650	1,150	826	778	728	778	598
26	689	832	1,010	1,600	2,400	1,680	1,120	820	766	760	747	604
27	728	814	1,220	1,520	2,280	1,570	1,070	820	754	820	708	676
28	721	850	1,150	1,430	2,150	1,540	1,010	850	747	802	695	682
29	702	850	1,170	1,400	------	1,670	962	844	754	814	689	676
30	669	850	1,240	2,200	------	1,830	1,020	832	760	784	669	650
31	715	------	1,610	2,680	------	1,810	------	747	------	734	689	------
TOTAL	25,505	22,261	30,129	56,250	85,090	47,080	50,392	28,671	24,887	22,744	27,413	22,408
MEAN	823	742	972	1,815	3,039	1,519	1,680	925	831	734	884	747
MAX	1,130	850	1,610	2,680	4,370	2,000	2,540	1,080	990	820	1,310	1,010
MIN	669	676	790	1,400	2,150	1,190	962	747	721	584	669	598
CFSM	1.05	.95	1.24	2.32	3.89	1.94	2.15	1.18	1.06	.94	1.13	.96
IN.	1.21	1.06	1.44	2.68	4.05	2.24	2.40	1.37	1.19	1.08	1.31	1.07

CAL YR 1973 TOTAL 719,664 MEAN 1,972 MAX 7,010 MIN 669 CFSM 2.53 IN 34.26
WTR YR 1974 TOTAL 442,830 MEAN 1,213 MAX 4,370 MIN 584 CFSM 1.55 IN 21.09

02359450 Econfina Creek near Fountain, Fla.

LOCATION.--Lat 30°28'55", long 85°31'30", in SE quarter sec.15, T.1 N., R.13 W., Washington County, near left bank at downstream side of Walsingham bridge on county road, 0.2 mi (0.3 km) above Mitchell Mill Creek, 6.0 mi (9.7 km) west of Fountain, and 23 mi (37 km) upstream from mouth.

DRAINAGE AREA.--70.2 sq mi (181.8 sq km).

PERIOD OF RECORD.--Water years 1962-65 (annual maximum), January 1965 to current year. Miscellaneous discharge measurements for some periods prior to January 1965.

GAGE.--Water-stage recorder. Datum of gage is 31.84 ft (9.705 m) above mean sea level. Jan. 31, 1962, to Dec. 30, 1964, nonrecording gage and crest-stage gage at same site and datum.

AVERAGE DISCHARGE.--9 years, 162 cfs (4.588 cu m/s), 31.34 in/yr (796 mm/yr).

EXTREMES.--Current year: Maximum discharge, 771 cfs (21.8 cu m/s) Jan. 31, gage height, 10.32 ft (3.146 m); minimum, 81 cfs (2.29 cu m/s) July 18, 19, gage height, 4.16 ft (1.268 m).
Period of record: Maximum discharge 1,550 cfs (43.9 cu m/s) Feb. 2, 1973, gage height, 14.44 ft (4.401 m); minimum, 56 cfs (1.59 cu m/s) Sept. 15, 16; Oct. 2, 3, 5, 6, 1968; minimum gage height, 3.69 ft (1.125 m) Sept. 15, 16, 1968.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	151	178	135	229	271	150	135	104	93	84	99	159
2	152	138	129	189	223	148	183	103	93	84	102	127
3	145	129	126	180	224	146	268	104	94	100	191	126
4	140	127	126	173	259	143	187	103	101	104	227	134
5	138	134	229	169	201	141	180	104	138	99	147	126
6	135	138	228	166	191	139	163	106	109	114	315	307
7	134	129	155	196	205	137	143	106	99	114	347	318
8	133	126	140	229	283	135	138	102	97	106	482	303
9	132	125	135	190	273	135	145	100	96	95	278	405
10	130	125	131	171	212	133	140	99	118	90	327	225
11	130	121	128	213	192	131	132	104	185	89	198	181
12	129	121	127	414	183	129	128	150	129	88	177	155
13	128	121	138	283	177	128	128	123	106	87	147	143
14	126	121	155	202	175	126	131	107	98	85	151	135
15	126	120	175	188	173	125	136	102	147	83	170	131
16	128	120	369	180	201	128	134	101	119	82	172	140
17	128	118	278	175	202	130	127	107	103	81	169	136
18	126	117	182	171	177	126	122	143	96	81	140	125
19	124	118	160	167	169	124	119	126	93	89	127	121
20	123	118	181	164	163	127	117	110	91	91	119	121
21	123	146	203	186	159	164	115	102	90	119	185	118
22	123	223	163	182	204	195	113	100	172	113	289	117
23	123	164	150	167	202	151	115	105	124	141	170	114
24	121	141	145	167	171	142	113	102	112	219	140	112
25	121	152	143	164	160	133	110	101	99	223	129	111
26	121	171	250	159	154	143	109	96	94	206	127	112
27	120	160	380	153	151	146	108	96	92	147	158	136
28	121	193	257	149	151	248	107	94	90	136	141	198
29	122	196	182	155	------	239	106	93	87	123	135	178
30	121	158	198	471	------	172	105	96	85	111	133	134
31	137	------	283	612	------	143	------	100	------	104	157	------
TOTAL	4,011	4,248	5,781	6,614	5,506	4,557	4,057	3,289	3,250	3,488	5,849	4,948
MEAN	129	142	186	213	197	147	135	106	108	113	189	165
MAX	152	223	380	612	283	248	268	150	185	223	482	405
MIN	120	117	126	149	151	124	105	93	85	81	99	111
CFSM	1.84	2.02	2.65	3.03	2.81	2.09	1.92	1.51	1.54	1.61	2.69	2.35
IN.	2.13	2.25	3.06	3.50	2.92	2.41	2.15	1.74	1.72	1.85	3.10	2.62

CAL YR 1973 TOTAL 79,067 MEAN 217 MAX 1,220 MIN 114 CFSM 3.09 IN 41.90
WTR YR 1974 TOTAL 55,598 MEAN 152 MAX 612 MIN 81 CFSM 2.17 IN 29.46

PEAK DISCHARGE (BASE, 600 CFS).--Jan. 31 (0600) 771 cfs (10.32 ft).

02359500 Econfina Creek near Bennett, Fla.

LOCATION.--Lat 30°23'04", long 85°33'24", in SE quarter sec.20, T.1 S., R.13 W., Bay County, near center of span on downstream side of bridge on State Highway 388, 0.5 mi (0.8 km) downstream from Old Mill Branch, 1.6 mi (2.6 km) southwest of Bennett, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.-122 sq mi (316 sq km).

PERIOD OF RECORD.--October 1935 to current year. Monthly discharge only for some periods, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 1.03 ft (0.314 m) above mean sea level. Prior to Jan. 29, 1962, nonrecording gage and Jan 30, 1962 to June 16, 1966, water-stage recorder, at site 150 ft (46 m) downstream at same datum.

AVERAGE DISCHARGE.--39 years, 526 cfs (14.90 cu m/s), 58.55 in/yr (1,487 mm/yr).

EXTREMES.--Current year: Maximum discharge, 832 cfs (23.6 cu m/s) Feb. 1, gage height, 7.55 ft (2.301 m); minimum, 364 cfs (10.3 cu m/s) July 18, gage height, 5.42 ft (1.652 m).
Period of record: Maximum discharge, 4,860 cfs (138 cu m/s) Apr. 2, 1948, gage height, 12.46 ft (3.798 m), from rating curve extended above 2,200 cfs (62.3 cu m/s); minimum, 307 cfs (8.69 cu m/s) Jan. 9, 1956, gage height, 4.10 ft (1.250 m).
Maximum stage known, 15.0 ft (4.57 m), from floodmarks, either in September 1926 or April 1928 (based on a study of rainfall records).

REMARKS.--Records good. Flow includes large ground-water inflow.

REVISIONS (WATER YEARS).--WSP 872: 1937. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	502	518	480	596	755	482	462	408	394	374	418	476
2	500	490	466	544	588	480	460	408	392	374	420	454
3	498	464	460	522	568	476	534	408	396	386	456	444
4	490	460	460	530	588	474	544	408	408	427	540	452
5	480	476	506	554	568	472	514	408	500	435	500	448
6	474	476	566	520	536	468	502	406	468	435	528	586
7	470	466	520	546	536	466	478	408	443	450	608	680
8	470	460	482	592	582	464	468	404	433	439	670	648
9	470	458	472	566	614	462	466	402	430	424	665	750
10	464	456	466	530	570	460	466	400	400	415	604	663
11	462	452	444	550	536	456	454	408	462	418	580	549
12	460	450	460	698	522	456	450	452	483	380	526	504
13	460	450	468	680	512	454	448	448	445	376	484	480
14	460	448	440	586	508	450	450	420	430	374	490	467
15	458	448	368	546	506	448	452	412	452	372	486	460
16	458	452	540	534	524	450	454	406	462	368	502	475
17	458	446	670	524	540	452	446	410	437	368	500	479
18	458	444	570	518	518	448	438	440	423	366	478	463
19	454	444	520	514	506	446	434	448	417	378	454	454
20	452	444	524	512	500	448	428	426	414	423	440	454
21	452	460	550	522	494	452	426	412	417	450	444	450
22	450	532	526	530	524	456	424	408	465	420	554	444
23	450	528	502	514	540	458	424	412	482	428	530	435
24	448	486	494	508	516	464	422	410	449	470	470	431
25	446	472	488	506	498	460	418	406	432	524	454	428
26	444	496	524	502	490	460	416	402	421	514	444	428
27	444	508	643	498	486	464	414	400	417	504	458	445
28	446	518	658	494	484	472	412	396	413	480	466	517
29	448	536	562	516	------	478	410	392	380	474	452	551
30	446	512	526	594	------	484	410	392	376	440	448	488
31	466	------	576	768	------	484	------	400	------	444	456	------
TOTAL	14,338	14,250	15,931	17,114	15,109	14,344	13,524	12,760	12,941	13,130	15,525	15,003
MEAN	463	475	514	552	540	463	451	412	431	424	501	500
MAX	502	536	670	768	755	484	544	452	500	524	670	750
MIN	444	444	368	494	484	446	410	392	376	366	418	428
CFSM	3.80	3.89	4.21	4.52	4.43	3.80	3.70	3.38	3.53	3.48	4.11	4.10
IN.	4.37	4.35	4.86	5.22	4.61	4.37	4.12	3.89	3.95	4.00	4.73	4.57

CAL YR 1973 TOTAL 213,552 MEAN 585 MAX 1,720 MIN 368 CFSM 4.80 IN 65.12
WTR YR 1974 TOTAL 173,969 MEAN 477 MAX 768 MIN 366 CFSM 3.91 IN 53.05

PEAK DISCHARGE (BASE, 1,000 CFS).--No peak above base.

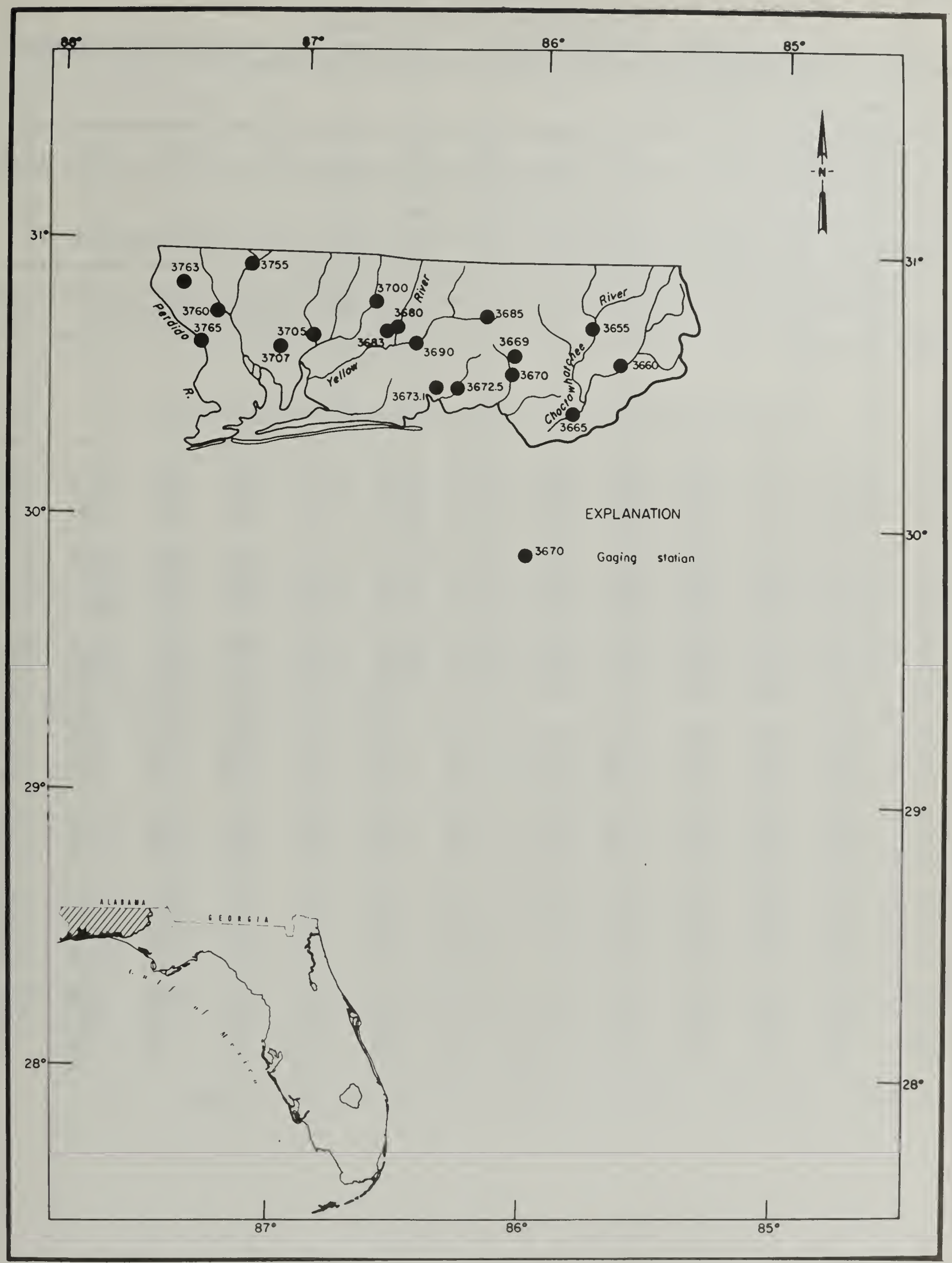

Figure 6. Location of gaging stations in Choctawhatchee River basin, Coastal area between Choctawhatchee River and Yellow River, Yellow River basin, Blackwater River basin and coastal area, Escambia River basin and coastal area, and Perdido River basin and coastal area.

02365500 Choctawhatchee River at Caryville, Fla.

LOCATION.--Lat 30°46'32", long 85°49'40", in NW quarter sec.10, T.4 N., R.16 W., Holmes County, near right bank on downstream side of bridge on U.S. Highway 90, 300 ft (91 m) downstream from Louisville & Nashville Railroad bridge, 0.8 mi (1.3 km) west of Caryville, 1.8 mi (2.9 km) downstream from Wrights Creek, and 64 mi (102 km) upstream from mouth.

DRAINAGE AREA.--3,499 sq mi (9,062 sq km).

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site since 1928 are contained in reports of U.S. Weather Bureau.

GAGE.--Nonrecording gage read twice daily. Datum of gage is 39.02 ft (11.893 m) above mean sea level. Prior to Oct. 12, 1929, nonrecording gage and Oct. 12, 1929, to Sept. 11, 1951, water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--45 years, 5,328 cfs (150.9 cu m/s), 20.68 in/yr (525 mm/yr).

EXTREMES.--Current year: Maximum discharge, 30,000 cfs (850 cu m/s) Feb. 10, gage height, 13.84 ft (4.218 m); minimum, 1,390 cfs (39.4 cu m/s) July 18, gage height, 2.18 ft (0.664 m).

Period of record: Maximum discharge, 60,100 cfs (1,700 cu m/s) Apr. 7, 1960, gage height, 16.03 ft (4.886 m); minimum, 604 cfs (17.1 cu m/s) Sept. 15, 16, 1968; minimum gage height, -0.82 ft (-0.250 m) Sept. 6, 1954.

Maximum stage known, 27.1 ft (8.26 m) Mar. 17, 1929, from U.S. Weather Bureau records and floodmarks; discharge, 206,000 cfs (5,830 cu m/s), from rating curve extended above 58,000 cfs (1,640 cu m/s) on basis of slope-area determination of peak flow.

REMARKS.--Records good. Some diurnal fluctuation caused by grist mills and powerplant above station during low flow. See page for table of gage height.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,950	1,510	3,490	15,200	20,600	13,100	10,500	3,450	2,660	1,470	2,450	2,010
2	2,810	1,590	2,950	15,300	18,700	12,500	9,600	3,320	2,440	1,430	2,430	1,950
3	3,020	1,640	2,650	19,600	16,600	11,700	10,300	3,210	2,540	1,400	2,410	2,130
4	3,490	1,660	2,500	25,600	14,700	10,900	11,900	3,080	2,720	1,520	2,540	2,550
5	3,240	1,690	2,730	26,200	12,800	9,990	13,800	3,090	2,800	1,870	2,890	2,800
6	2,780	1,720	3,850	22,100	11,200	8,920	15,100	3,170	2,810	2,480	3,180	2,370
7	2,410	1,730	4,860	17,600	10,700	8,120	16,900	3,810	2,740	2,680	3,670	2,130
8	2,180	1,750	4,960	13,400	14,500	7,300	19,300	4,080	2,670	2,760	3,540	2,290
9	2,050	1,710	4,360	10,800	21,100	6,500	19,800	4,150	3,210	2,550	2,840	2,700
10	1,930	1,710	3,730	8,670	29,700	5,970	18,100	3,890	4,110	2,160	2,840	3,410
11	1,820	1,720	3,240	7,700	27,200	5,470	15,900	3,550	4,720	1,860	2,830	3,890
12	1,760	1,710	2,940	7,740	23,100	5,100	14,500	3,410	5,140	1,710	2,740	3,880
13	1,700	1,660	2,730	8,770	18,700	4,910	12,700	3,510	5,330	1,540	2,680	3,550
14	1,660	1,640	2,330	9,240	15,200	4,770	10,600	3,740	4,820	1,490	2,550	3,070
15	1,610	1,640	2,490	8,100	13,000	4,600	8,770	3,550	4,170	1,440	2,310	2,720
16	1,610	1,660	2,670	6,950	11,700	4,440	7,560	3,270	3,910	1,410	2,080	2,400
17	1,600	1,770	2,990	6,190	12,000	4,360	8,670	2,920	3,570	1,400	2,260	2,230
18	1,580	1,890	3,070	5,630	12,800	4,330	8,820	2,960	3,350	1,390	2,520	2,020
19	1,580	1,900	2,850	5,440	13,000	4,280	8,020	3,420	2,950	1,490	2,320	1,790
20	1,560	1,850	2,760	5,220	12,600	4,430	7,170	3,750	2,540	1,700	2,050	1,640
21	1,540	1,850	3,130	5,160	12,600	5,250	6,320	3,760	2,310	1,740	1,840	1,520
22	1,530	2,310	3,900	5,860	13,100	6,250	5,680	3,670	2,150	1,700	1,840	1,490
23	1,510	3,670	3,790	7,260	12,800	6,920	5,220	3,470	2,140	1,560	1,860	1,640
24	1,490	4,070	3,600	8,550	12,500	7,320	4,920	3,410	2,180	1,530	1,780	2,000
25	1,460	3,700	3,290	9,600	12,600	7,210	4,720	3,440	2,030	1,660	1,600	1,820
26	1,440	3,270	3,940	9,060	12,400	7,190	4,460	3,240	1,830	1,990	1,490	1,620
27	1,440	3,080	8,120	8,400	12,800	7,830	4,140	3,200	1,760	2,200	1,440	1,530
28	1,440	2,940	14,700	10,500	13,300	8,700	3,960	3,200	1,670	2,110	1,620	1,640
29	1,430	3,240	19,600	11,400	------	9,540	3,790	3,180	1,580	2,310	2,060	2,580
30	1,430	3,670	19,100	18,400	------	10,400	3,600	3,100	1,540	2,540	2,110	3,100
31	1,420	------	16,700	21,200	------	11,000	------	2,940	------	2,510	2,080	------
TOTAL	59,470	65,950	164,020	360,840	432,000	229,300	294,820	105,940	88,390	57,600	72,850	70,470
MEAN	1,918	2,198	5,291	11,640	15,430	7,397	9,827	3,417	2,946	1,858	2,350	2,349
MAX	3,490	4,070	19,600	26,200	29,700	13,100	19,800	4,150	5,330	2,760	3,670	3,890
MIN	1,420	1,510	2,330	5,160	10,700	4,280	3,600	2,920	1,540	1,390	1,440	1,490
CFSM	.55	.63	1.51	3.33	4.41	2.11	2.81	.98	.84	.53	.67	.67
IN.	.63	.70	1.74	3.84	4.59	2.44	3.13	1.13	.94	.61	.77	.75

CAL YR 1973 TOTAL 2,799,550 MEAN 7,670 MAX 37,100 MIN 1,420 CFSM 2.19 IN 29.76
WTR YR 1974 TOTAL 2,001,650 MEAN 5,484 MAX 29,700 MIN 1,390 CFSM 1.57 IN 21.28

02365500 Choctawhatchee River at Caryville, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.30	2.50	6.00	11.61	12.66	11.06	10.20	5.95	4.88	2.41	4.53	3.71
2	5.10	2.72	5.30	11.62	12.35	10.87	9.91	5.80	4.52	2.28	4.51	3.60
3	5.40	2.85	4.87	12.50	11.95	10.60	10.13	5.66	4.69	2.21	4.47	3.94
4	6.00	2.90	4.61	13.33	11.48	10.34	10.69	5.48	4.97	2.55	4.68	4.71
5	5.70	2.99	4.98	13.40	10.96	10.04	11.25	5.50	5.08	3.42	5.22	5.08
6	5.05	3.05	6.40	12.88	10.45	9.68	11.58	5.61	5.10	4.59	5.63	4.40
7	4.47	3.10	7.32	12.15	10.29	9.35	12.00	6.36	5.00	4.91	6.20	3.94
8	4.06	3.13	7.40	11.16	11.42	8.92	12.45	6.64	4.89	5.02	6.05	4.27
9	3.80	3.03	6.90	10.30	12.73	8.48	12.54	6.71	5.67	4.71	5.14	4.94
10	3.55	3.04	6.27	9.58	13.80	8.15	12.25	6.44	6.66	4.01	5.14	5.91
11	3.33	3.05	5.70	9.13	13.53	7.82	11.77	6.07	7.20	3.40	5.13	6.43
12	3.17	3.03	5.28	9.15	13.02	7.52	11.42	5.91	7.55	3.03	5.00	6.42
13	3.00	2.91	4.98	9.62	12.36	7.36	10.94	6.02	7.70	2.60	4.90	6.06
14	2.90	2.85	4.34	9.79	11.61	7.24	10.23	6.27	7.28	2.45	4.70	5.48
15	2.78	2.86	4.60	9.34	11.03	7.10	9.62	6.06	6.72	2.31	4.30	4.96
16	2.79	2.90	4.90	8.73	10.62	6.97	9.06	5.74	6.45	2.23	3.86	4.45
17	2.75	3.20	5.36	8.28	10.71	6.90	9.58	5.26	6.09	2.20	4.21	4.14
18	2.70	3.48	5.47	7.94	10.97	6.87	9.64	5.32	5.84	2.19	4.65	3.74
19	2.69	3.50	5.16	7.80	11.04	6.83	9.30	5.92	5.30	2.45	4.31	3.24
20	2.65	3.39	5.03	7.62	10.92	6.96	8.85	6.29	4.68	3.01	3.80	2.85
21	2.60	3.40	5.55	7.57	10.91	7.64	8.37	6.30	4.29	3.12	3.35	2.53
22	2.56	4.30	6.45	8.10	11.08	8.32	7.98	6.20	3.98	3.00	3.35	2.47
23	2.50	6.20	6.33	8.90	10.97	8.71	7.62	5.97	3.96	2.65	3.40	2.86
24	2.45	6.63	6.12	9.53	10.87	8.93	7.37	5.90	4.05	2.58	3.20	3.70
25	2.38	6.23	5.76	9.91	10.90	8.87	7.20	5.94	3.76	2.90	2.75	3.31
26	2.32	5.74	6.50	9.73	10.83	8.86	6.98	5.70	3.34	3.68	2.47	2.81
27	2.30	5.48	9.35	9.47	10.96	9.20	6.70	5.65	3.15	4.08	2.32	2.57
28	2.30	5.28	11.49	10.22	11.13	9.59	6.52	5.65	2.94	3.91	2.80	2.87
29	2.29	5.70	12.50	10.50	------	9.89	6.33	5.62	2.71	4.30	3.81	4.75
30	2.27	6.20	12.42	12.31	------	10.18	6.12	5.51	2.59	4.68	3.91	5.51
31	2.25	------	11.96	12.74	------	10.37	------	5.29	------	4.63	3.86	------
MEAN	3.34	3.85	6.62	10.16	11.48	8.70	9.49	5.89	5.03	3.27	4.25	4.19
MAX	6.00	6.63	12.50	13.40	13.80	11.06	12.54	6.71	7.70	5.02	6.20	6.43
MIN	2.25	2.50	4.34	7.57	10.29	6.83	6.12	5.26	2.59	2.19	2.32	2.47

CAL YR 1973 MEAN 7.61 MAX 14.43 MIN 2.25
WTR YR 1974 MEAN 6.32 MAX 13.80 MIN 2.19

02366000 Holmes Creek at Vernon, Fla.

LOCATION.--Lat 30° 37'35", long 85°42'45", in NE quarter sec. 35, T.3 N., R.15 W., Washington County, near left bank on downstream side of bridge on State Highway 79 at Vernon, 0.2 mi (0.3 km) downstream from Pippin Mill Creek, and 25 mi (40 km) upstream from mouth.

DRAINAGE AREA.--386 sq mi (1,000 sq km).

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Nonrecording gage read twice daily. Datum of gage is 10.70 ft (3.261 m) above mean sea level.

AVERAGE DISCHARGE.--24 years, 662 cfs (18.75 cu m/s), 23.29 in/yr (592 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,950 cfs (112 cu m/s) Feb. 10, gage height, 17.55 ft (5.349 m); minimum, 323 cfs (9.15 cu m/s) July 18-19, gage height, 10.60 ft (3.231 m).
Period of record: Maximum discharge, 10,900 cfs (309 cu m/s) Apr. 4, 1960, gage height, 23.35 ft (7.117 m); minimum, 234 cfs (6.63 cu m/s) July 8, 1955; minimum gage height, 10.15 ft (3.093 m) Nov. 1, 2, 1968.

REMARKS.--Records fair.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	515	367	394	677	1,130	684	719	374	339	326	344	351
2	523	364	394	782	1,350	625	747	372	335	328	344	354
3	509	363	394	824	1,380	541	807	370	331	333	354	360
4	479	363	396	842	1,180	535	873	366	336	342	356	362
5	442	370	400	857	1,130	519	1,090	380	344	348	375	395
6	418	369	400	873	1,100	519	1,280	381	362	351	394	450
7	402	367	401	861	1,290	515	1,340	369	370	353	404	451
8	394	366	404	835	2,210	493	1,360	368	366	352	402	462
9	386	360	410	821	3,130	479	1,290	363	360	351	396	491
10	382	357	404	814	3,800	472	1,100	366	351	349	384	481
11	377	356	392	817	3,630	460	905	372	340	345	377	503
12	373	356	382	814	2,720	441	828	378	341	339	371	497
13	368	356	380	930	2,100	430	821	384	343	335	364	491
14	367	354	381	1,150	1,570	430	737	393	340	331	361	439
15	367	353	398	1,190	1,280	426	625	383	342	328	358	394
16	366	353	413	1,210	1,110	418	580	373	340	328	356	372
17	366	353	418	1,210	961	417	583	364	337	326	355	360
18	363	351	441	925	975	416	583	363	332	323	352	357
19	361	351	448	786	995	415	539	362	329	323	348	354
20	361	352	457	861	970	417	519	363	326	324	345	353
21	360	366	466	1,030	913	441	489	368	324	328	344	352
22	358	373	474	723	857	479	459	369	327	325	347	349
23	358	376	481	595	831	511	439	365	328	325	353	345
24	357	371	487	655	817	527	422	360	331	325	350	341
25	357	380	491	646	824	523	410	359	331	339	348	334
26	356	389	499	619	803	509	401	353	328	346	347	333
27	356	391	501	575	744	493	396	349	333	354	343	334
28	355	394	503	555	681	491	384	346	330	361	343	342
29	354	395	523	533	------	505	374	344	328	383	347	341
30	354	395	586	712	------	549	377	342	327	373	349	339
31	367	------	604	1,050	------	667	------	341	------	355	349	------
TOTAL	12,051	11,011	13,722	25,772	40,481	15,347	21,477	11,340	10,151	10,549	11,160	11,687
MEAN	389	367	443	831	1,446	495	716	366	338	340	360	390
MAX	523	395	604	1,210	3,800	684	1,360	393	370	383	404	503
MIN	354	351	380	533	681	415	374	341	324	323	343	333
CFSM	1.01	.95	1.15	2.15	3.75	1.28	1.85	.95	.88	.88	.93	1.01
IN.	1.16	1.06	1.32	2.48	3.90	1.48	2.07	1.09	.98	1.02	1.08	1.13

CAL YR 1973 TOTAL 345,367 MEAN 946 MAX 4,420 MIN 351 CFSM 2.45 IN 33.28
WTR YR 1974 TOTAL 194,748 MEAN 534 MAX 3,800 MIN 323 CFSM 1.38 IN 18.77

02366500 Choctawhatchee River near Bruce, Fla.

LOCATION.--Lat 30°27'03", long 85°53'54", in NE quarter sec. 36, T.1 N., R.17 W., Walton County, on downstream fender pile at center swing pier of bridge on State Highway 20, 4 0 mi (6.4 km) southeast of Bruce, 5.8 mi (9.3 km) downstream from Holmes Creek, and 21 mi (34 km) upstream from mouth.

DRAINAGE AREA.--4,384 sq mi (11,355 sq km).

PERIOD OF RECORD.--October 1930 to current year.

GAGE.Water-stage recorder. Datum of gage is 3.94 ft (1.201 m) above mean sea level. Prior to Apr. 6, 1934, nonrecording gage at site 1.0 mi (1.6 km) downstream at datum 0.25 ft (0.076 m) lower.

AVERAGE DISCHARGE.--44 years, 6,981 cfs (197.7 cu m/s), 21.62 in/yr (549 mm/yr).

EXTREMES.--Current year: Maximum discharge, 36,100 cfs (1,020 cu m/s) Feb. 12; gage height, 12.41 ft (3.783 m); minimum, 2,060 cfs (58.3 cu m/s) July 19, gage height, 1.11 ft (0.338 m).

Period of record: Maximum discharge, 69,600 cfs (1970 cu m/s) Aug. 19, 20, 1939; maximum gage height, 16.68 ft (5.084 m) Aug. 19, 1939; minimum discharge, 1,290 cfs (36.5 cu m/s) Oct. 27, 1968, gage height, -0.48 ft (-0.146 m).

Maximum stage known, 25.0 ft (7.620 m) at former site and datum, in March 1929, from floodmarks; discharge, 220,000 cfs (6,230 cu m/s), from rating curve extended above 66,000 cfs (1,870 cu m/s) on basis of records for station at Caryville.

REMARKS.--Records good .

REVISIONS (WATER YEARS).--WSP 872: 1937. WSP 1384: Drainage area. WSP 1504: 1931-34.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,840	2,590	4,340	18,700	18,600	13,000	10,300	5,030	3,920	2,380	3,240	3,030
2	5,000	2,620	4,450	19,600	22,900	12,000	11,300	4,800	3,820	2,310	3,450	3,000
3	4,940	2,690	4,480	18,500	24,000	11,000	12,100	4,600	3,640	2,260	3,760	3,010
4	4,760	2,740	4,340	17,600	23,400	10,200	12,600	4,420	3,470	2,290	3,660	3,180
5	4,690	2,780	4,240	19,300	21,600	9,400	12,700	4,300	3,440	2,390	3,660	3,430
6	4,690	2,790	4,190	24,400	19,400	8,780	13,300	4,210	3,510	2,590	4,180	3,730
7	4,630	2,810	4,230	27,300	17,100	8,250	14,900	4,140	3,600	2,930	4,330	3,820
8	4,360	2,840	4,460	25,800	15,900	7,830	16,700	4,170	3,630	3,190	4,410	3,950
9	4,010	2,870	4,810	22,100	15,500	7,510	18,700	4,330	3,560	3,350	4,580	4,250
10	3,700	2,830	5,190	18,300	18,000	7,250	21,000	4,530	3,600	3,420	4,630	4,450
11	3,450	2,780	5,440	15,500	27,500	7,010	21,900	4,730	3,830	3,270	4,450	4,630
12	3,260	2,760	5,360	13,500	34,900	6,800	21,100	4,870	4,140	2,950	4,440	4,730
13	3,130	2,760	5,040	12,100	34,700	6,580	19,400	4,790	4,460	2,650	4,400	4,790
14	3,030	2,750	4,650	11,400	30,400	6,410	17,600	4,620	4,790	2,420	4,250	4,830
15	2,960	2,730	4,360	11,100	25,000	6,230	15,800	4,530	5,130	2,300	3,980	4,740
16	2,910	2,740	4,280	11,000	20,700	6,100	14,000	4,510	5,340	2,230	3,760	4,480
17	2,870	2,740	4,210	10,900	17,500	5,940	12,500	4,460	5,240	2,180	3,540	4,100
18	2,810	2,810	4,220	10,400	15,400	5,790	11,300	4,360	4,950	2,130	3,360	3,740
19	2,770	2,910	4,290	9,510	14,200	5,640	10,700	4,170	4,620	2,110	3,370	3,440
20	2,760	2,950	4,470	8,610	14,100	5,530	10,300	4,040	4,300	2,140	3,390	3,180
21	2,720	3,020	4,500	8,030	14,400	5,590	9,900	4,110	3,970	2,310	3,300	2,940
22	2,660	3,130	4,450	7,610	14,600	5,700	9,300	4,270	3,600	2,380	3,110	2,760
23	2,610	3,300	4,560	7,300	14,600	5,960	8,670	4,410	3,330	2,370	2,950	2,610
24	2,580	3,640	4,750	7,110	14,600	6,370	7,930	4,440	3,220	2,390	2,880	2,570
25	2,550	4,040	4,940	7,270	14,500	6,890	7,300	4,370	3,140	2,390	2,820	2,780
26	2,530	4,390	5,070	7,910	14,100	7,450	6,740	4,290	3,000	2,370	2,760	2,870
27	2,510	4,570	5,130	8,910	13,800	7,930	6,310	4,230	2,830	2,660	2,610	2,860
28	2,510	4,600	5,340	9,740	13,600	8,430	5,960	4,140	2,710	2,990	2,470	2,960
29	2,500	4,460	6,160	9,940	------	8,670	5,640	4,050	2,570	3,100	2,490	2,970
30	2,460	4,340	8,060	10,800	------	9,070	5,310	4,010	2,450	3,110	2,750	3,130
31	2,480	------	13,200	13,600	------	9,650	------	3,980	------	3,170	2,950	------
TOTAL	103,680	94,980	157,210	423,840	545,000	238,960	371,260	135,910	113,810	80,730	109,930	106,960
MEAN	3,345	3,166	5,071	13,670	19,460	7,708	12,380	4,384	3,794	2,604	3,546	3,565
MAX	5,000	4,600	13,200	27,300	34,900	13,000	21,900	5,030	5,340	3,420	4,630	4,830
MIN	2,460	2,590	4,190	7,110	13,600	5,530	5,310	3,980	2,450	2,110	2,470	2,570
CFSM	.76	.72	1.16	3.12	4.44	1.76	2.82	1.00	.87	.59	.81	.81
IN.	.88	.81	1.33	3.60	4.62	2.03	3.15	1.15	.97	.69	.93	.91

CAL YR 1973 TOTAL 3,799,110 MEAN 10,410 MAX 40,500 MIN 2,460 CFSM 2.37 IN 32.24
WTR YR 1974 TOTAL 2,482,270 MEAN 6,801 MAX 34,900 MIN 2,110 CFSM 1.55 IN 21.06

PEAK DISCHARGE (BASE, 15,000 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
1-07	1100	11.26	28,000	2-12	2100	12.41	36,100
2-03	1200	10.70	24,200	4-11	1400	10.30	22,000

02366500 Choctawhatchee River near Bruce, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.36	1.79	3.94	9.60	9.58	8.16	7.28	4.51	3.52	1.53	2.79	2.43
2	4.49	1.83	4.04	9.81	10.47	7.87	7.62	4.33	3.40	1.42	3.03	2.40
3	4.44	1.92	4.07	9.56	10.67	7.53	7.91	4.17	3.19	1.35	3.38	2.40
4	4.30	1.99	3.94	9.35	10.50	7.21	8.05	4.02	2.98	1.41	3.27	2.63
5	4.24	2.05	3.84	9.74	10.08	6.92	8.08	3.90	2.95	1.58	3.27	2.95
6	4.24	2.07	3.79	10.73	9.55	6.65	8.26	3.81	3.03	1.88	3.80	3.31
7	4.19	2.09	3.83	11.21	9.10	6.41	8.70	3.74	3.15	2.34	3.94	3.40
8	3.96	2.14	4.05	10.97	8.89	6.21	9.15	3.77	3.18	2.70	4.01	3.54
9	3.61	2.18	4.34	10.31	8.86	6.04	9.61	3.93	3.10	2.90	4.15	3.85
10	3.26	2.12	4.62	9.51	9.44	5.90	10.09	4.11	3.14	2.98	4.19	4.04
11	2.96	2.05	4.78	8.83	11.20	5.77	10.28	4.27	3.41	2.80	4.04	4.19
12	2.72	2.02	4.73	8.30	12.26	5.65	10.12	4.39	3.74	2.40	4.03	4.27
13	2.54	2.03	4.52	7.89	12.24	5.52	9.76	4.32	4.05	2.00	4.00	4.32
14	2.41	2.01	4.21	7.66	11.65	5.41	9.36	4.18	4.32	1.69	3.86	4.35
15	2.31	1.98	3.96	7.55	10.82	5.30	8.93	4.11	4.58	1.48	3.60	4.28
16	2.23	2.00	3.88	7.54	10.03	5.21	8.47	4.09	4.72	1.35	3.36	4.06
17	2.18	2.00	3.81	7.51	9.34	5.11	8.02	4.05	4.65	1.26	3.11	3.70
18	2.09	2.10	3.82	7.30	8.81	5.01	7.66	3.96	4.45	1.18	2.90	3.31
19	2.04	2.24	3.89	6.96	8.51	4.91	7.44	3.76	4.18	1.14	2.91	2.94
20	2.02	2.30	4.06	6.60	8.48	4.84	7.29	3.64	3.90	1.21	2.94	2.60
21	1.97	2.39	4.08	6.31	8.56	4.88	7.12	3.71	3.56	1.53	2.81	2.27
22	1.89	2.54	4.04	6.10	8.63	4.95	6.88	3.87	3.15	1.67	2.57	2.02
23	1.82	2.77	4.13	5.93	8.61	5.12	6.59	4.01	2.82	1.66	2.36	1.82
24	1.77	3.19	4.29	5.82	8.62	5.39	6.26	4.03	2.68	1.70	2.26	1.77
25	1.73	3.64	4.44	5.91	8.60	5.70	5.93	3.97	2.58	1.70	2.17	2.06
26	1.71	3.99	4.54	6.25	8.48	6.01	5.62	3.89	2.39	1.67	2.09	2.18
27	1.68	4.14	4.58	6.72	8.40	6.25	5.35	3.83	2.17	2.06	1.88	2.17
28	1.67	4.17	4.72	7.05	8.34	6.49	5.12	3.74	2.00	2.49	1.67	2.30
29	1.66	4.05	5.25	7.13	------	6.60	4.91	3.65	1.82	2.62	1.71	2.33
30	1.60	3.94	6.32	7.47	------	6.78	4.70	3.61	1.65	2.63	2.05	2.55
31	1.63	------	8.24	8.35	------	7.02	------	3.58	------	2.71	2.33	------
MEAN	2.70	2.52	4.41	8.06	9.60	6.03	7.69	3.97	3.28	1.90	3.05	3.01
MAX	4.49	4.17	8.24	11.21	12.26	8.16	10.28	4.51	4.72	2.98	4.19	4.35
MIN	1.60	1.79	3.79	5.82	8.34	4.84	4.70	3.58	1.65	1.14	1.67	1.77

CAL YR 1973 MEAN 6.23 MAX 13.00 MIN 1.60
WTR YR 1974 MEAN 4.65 MAX 12.26 MIN 1.14

02366900 Magnolia Creek near Freeport, Fla.

LOCATION.--Lat 30°31'48", long 86°05'15", in NW quarter sec. 6, T.1 S., R.18 W., Walton County, near right bank on downstream side of bridge, 0.5 mi (0.8 km) upstream from mouth at Lafayette Creek, and 3.5 mi (5.6 km) northeast of Freeport.

DRAINAGE AREA.--11.2 sq mi (29.0 sq km).

PERIOD OF RECORD.--September 1968 to September 1971 (continuous-record station); October 1971 to current year (discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is 18.31 ft (5.581 m) above mean sea level.

AVERAGE DISCHARGE.--6 years, 34.1 cfs (0.966 cu m/s), 41.35 in/yr (1,050 mm/yr).

EXTREMES.--Period of record: Maximum discharge, 880 cfs (24.9 cu m/s) Feb. 16, 1970, gage height, 13.62 ft (4.151 m); minimum, 13.6 cfs (0.39 cu m/s) June 29, 30, July 1, 1974, gage height, 4.63 ft (1.411 m).

DISCHARGE MEASUREMENTS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Nov. 13	21.8	Mar. 21	42.7	June 13	14.7
Jan. 14	32.7	May 20	18.4	July 18	15.0
				Sept. 17	32.1

02367000 Alaqua Creek near DeFuniak Springs, Fla.

LOCATION.--Lat 30°37'30", long 86°09'50", in NE sec. 5, T.1 N., R.19 W., Walton County, near center of span on downstream side of Pine Allen Bridge on U.S. Forest Service road 200 in Eglin Field Military Reservation, 0.8 mi (1.3 km) upstream from Davis Branch, 8 mi (13 km) southwest of DeFuniak Springs, and 11 mi (18 km) upstream from mouth.

DRAINAGE AREA.--65.6 sq mi (169.9 sq km).

PERIOD OF RECORD.--April 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.65 ft (5.989 m) above mean sea level.

AVERAGE DISCHARGE.--23 years, 156 cfs (4.418 cu m/s), 32.29 in/yr (820 mm/yr).

EXTREMES.--Current year: Maximum discharge, 2,640 cfs (74.8 cu m/s) Sept. 8, gage height, 16.68 ft (5.084 m); minimum, 45 cfs (1.27 cu m/s) July 22, gage height, 6.58 ft (2.006 m).
Period of record: Maximum discharge, 9,020 cfs (255 cu m/s) Sept. 26, 1953, gage height, 18.47 ft (5.630 m), from curve extended above 3,400 cfs (96.3 cu m/s); minimum, 27 cfs (0.76 cu m/s) June 8, 21, 22, 30, July 1, 1955; minimum gage height, 5.93 ft (1.807 m) June 22, 1955.

REMARKS.--Records good except for periods of no gage height record which are poor.

REVISIONS.--WSP 1906: 1953 (M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	176	121	110	281	297	165	124	94	65	53	67	107
2	213	100	106	257	260	161	211	93	83	53	91	124
3	162	95	103	229	254	159	301	93	87	57	256	365
4	144	107	300	227	254	156	179	90	73	77	407	309
5	135	160	420	229	212	152	370	93	132	75	204	139
6	127	120	250	201	231	149	240	100	102	73	158	133
7	122	102	130	201	830	145	172	94	95	69	242	136
8	119	101	111	197	655	141	163	87	74	71	201	1,710
9	116	107	108	182	376	140	158	85	68	61	127	1,500
10	113	107	106	176	293	136	140	85	66	57	109	595
11	113	102	103	321	265	134	134	89	91	55	110	314
12	114	100	103	673	245	132	131	151	71	53	163	251
13	113	99	107	297	232	131	135	110	65	51	121	220
14	110	98	109	235	223	126	141	88	63	50	126	196
15	104	98	105	219	214	125	154	84	63	48	130	179
16	104	119	202	205	269	131	171	83	63	48	122	165
17	105	100	144	196	245	127	134	81	62	47	103	157
18	99	99	118	186	202	122	121	84	60	47	95	145
19	95	105	113	177	198	122	116	83	60	48	87	136
20	94	98	218	172	187	126	113	77	60	49	83	133
21	93	138	219	203	180	197	109	74	85	47	86	130
22	92	180	146	175	293	199	107	73	90	48	83	148
23	90	150	133	161	229	140	124	86	71	53	79	128
24	91	105	127	159	191	129	112	89	73	63	76	118
25	93	140	126	154	179	127	103	74	81	90	73	115
26	94	102	784	155	172	147	100	70	64	68	75	116
27	94	192	1,020	184	170	175	99	77	60	83	100	129
28	95	180	382	480	167	263	97	71	58	87	143	147
29	97	130	270	362	------	180	96	68	57	64	98	145
30	100	120	301	619	------	146	95	70	55	58	84	118
31	105	------	327	535	------	129	------	79	------	81	89	------
TOTAL	3,522	3,575	6,901	8,048	7,523	4,612	4,450	2,675	2,197	1,884	3,988	8,308
MEAN	114	119	223	260	269	149	148	86.3	73.2	60.8	129	277
MAX	213	192	1,020	673	830	263	370	151	132	90	407	1,710
MIN	90	95	103	154	167	122	95	68	55	47	67	107
CFSM	1.74	1.81	3.40	3.96	4.10	2.27	2.26	1.32	1.12	.93	1.97	4.22
IN.	2.00	2.03	3.91	4.56	4.27	2.62	2.52	1.52	1.25	1.07	2.26	4.71

CAL YR 1973 TOTAL 77,904 MEAN 213 MAX 1,020 MIN 90 CFSM 3.25 IN 44.18
WTR YR 1974 TOTAL 57,683 MEAN 158 MAX 1,710 MIN 47 CFSM 2.41 IN 32.71

PEAK DISCHARGE (BASE, 800 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-26	2100	16.07	1,940	2-07	1500	15.04	1,060
1-12	0600	14.36	830	9-08	1500	16.68	2,640

NOTE.--No gage-height record Oct. 24 to Dec.11

02367310 Juniper Creek at State Highway 85, near Niceville, Fla.

LOCATION.--Lat 30°33'26", long 86°31'10", in NW quarter sec. 26, T.1 N., R.23 W., Okaloosa County, on downstream side of bridge on State Highway 85, 0.8 mi (1.3 km) upstream from mouth at Turkey Creek, and 3 mi (5 km) northwest of Niceville.

DRAINAGE AREA.--29.5 sq mi (76.4 sq km).

PERIOD OF RECORD.--March 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 7.78 ft (2.371 m) above mean sea level.

AVERAGE DISCHARGE.--8 years, 81.2 cfs (2.300 cu m/s), 37.38 in/yr (949 mm/yr).

EXTREMES.--Current year: Maximum discharge, 612 cfs (17.3 cu m/s) Dec. 26, gage height, 8.47 ft (2.582 m); minimum, 61 cfs (1.73 cu m/s) July 21, gage height, 5.62 ft (1.713 m).
Period of record: Maximum discharge, 792 cfs (22.4 cu m/s) Dec. 10, 1967, gage height, 8.79 ft (2.679 m), from curve extended above 400 cfs (11.3 cu m/s); minimum, 39 cfs (1.10 cu m/s) July 28, 1967; minimum gage height, 5.19 ft (1.582 m) Sept. 11, 1968.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	97	80	121	130	113	103	88	75	68	92	86
2	108	85	79	117	127	113	121	88	89	67	87	94
3	94	83	79	114	128	113	116	88	79	67	115	118
4	91	83	89	118	126	112	108	87	78	68	142	94
5	89	89	99	112	120	112	120	87	80	70	88	85
6	87	84	82	109	128	111	105	87	77	71	78	84
7	87	82	80	111	156	110	102	85	75	73	106	160
8	88	82	78	107	133	110	102	84	73	70	81	500
9	88	87	78	105	123	109	101	84	72	68	80	310
10	87	85	81	104	120	108	99	84	77	68	76	140
11	85	81	77	129	120	108	99	91	74	67	70	97
12	85	81	77	128	118	109	99	94	72	66	69	97
13	85	80	78	107	118	107	101	84	71	67	89	97
14	85	80	76	104	117	106	100	83	70	66	86	94
15	85	81	84	103	117	106	105	83	71	65	78	93
16	85	82	95	102	139	109	103	82	77	65	74	89
17	85	78	80	101	121	106	97	82	75	64	70	89
18	83	79	77	101	118	105	95	82	71	64	70	87
19	82	78	76	100	119	105	94	81	70	64	67	86
20	82	79	121	101	116	106	94	79	70	64	65	90
21	81	118	88	108	116	129	93	78	73	64	65	94
22	81	100	81	99	130	113	94	79	73	72	65	87
23	81	86	79	98	118	107	97	84	89	82	65	85
24	81	83	78	98	116	105	92	79	78	83	64	83
25	81	114	99	98	114	106	91	77	72	89	65	83
26	80	92	505	101	114	110	91	79	71	78	68	85
27	80	85	183	310	114	118	90	80	70	113	78	92
28	80	104	143	195	113	135	90	76	69	85	105	92
29	80	85	134	140	------	114	89	75	68	73	86	86
30	83	81	134	211	------	107	89	78	68	67	78	82
31	101	------	129	140	------	103	------	76	------	70	82	------
TOTAL	2,688	2,604	3,319	3,792	3,429	3,425	2,980	2,564	2,227	2,218	2,504	3,459
MEAN	86.7	86.8	107	122	122	110	99.3	82.7	74.2	71.5	80.8	115
MAX	118	118	505	310	156	135	121	94	89	113	142	500
MIN	80	78	76	98	113	103	89	75	68	64	64	82
CFSM	2.94	2.94	3.63	4.14	4.14	3.73	3.37	2.80	2.52	2.42	2.74	3.90
IN.	3.39	3.28	4.19	4.78	4.32	4.32	3.76	3.23	2.81	2.80	3.16	4.36

CAL YR 1973 TOTAL 34,242 MEAN 93.8 MAX 505 MIN 58 CFSM 3.18 IN 43.18
WTR YR 1974 TOTAL 35,209 MEAN 96.5 MAX 505 MIN 64 CFSM 3.27 IN 44.40

02368000 Yellow River at Milligan, Fla.

LOCATION.--Lat 30°45'10", long 86°37'45", in SE quarter sec. 15, T.3 N., R.24 W., Okaloosa County, near center of bridge on downstream side of new bridge on U.S.Highway 90, 0.5 mi (0.8 km) east of Milligan, 0.5 mi (0.8 km) upstream from Trammel Creek, 6.7 mi (10.8 km) upstream from Shoal River, and 40 mi (64 km) upstream from mouth.

DRAINAGE AREA.--624 sq mi (1616 sq km).

PERIOD OF RECORD.--July 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 45.00 ft (13.716 m) above mean sea level. Prior to Dec. 6, 1939, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--36 years, 1,121 cfs (31.75 cu m/s), 24.40 in/yr (620 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,580 cfs (158 cu m/s) Dec. 14, gage height, 9.29 ft (2.832 m); minimum, 249 cfs (7.05 cu m/s) July 18, gage height, 1.32 ft (0.402 m).

Period of record: Maximum discharge, 28,000 cfs (793 cu m/s) Dec. 6, 1953; maximum gage height, 15.53 ft (4.734 m) June 6, 1970; minimum discharge, 131 cfs (3.71 cu m/s) June 23, 24, 1967, result of channel work; minimum gage height, 0.59 ft (0.180 m) Oct. 21, 22, 24, 25, 30, 1968.

Flood of 1929 reached a stage of 26.2 ft (2.99 m), from infomation by local residents.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 892: 1938-39. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	630	375	698	2,030	2,380	845	2,580	632	615	276	657	492
2	806	366	598	1,720	2,340	814	2,010	615	567	272	615	461
3	643	359	529	1,490	2,080	791	1,770	598	590	274	902	467
4	565	361	509	1,380	1,700	780	2,020	579	581	270	769	430
5	529	390	719	1,320	1,710	772	2,800	567	581	269	590	416
6	482	405	926	1,270	1,840	769	3,920	562	632	313	705	427
7	447	383	1,790	1,210	1,930	766	5,060	545	587	374	892	514
8	423	381	2,260	1,190	2,080	763	5,260	531	497	439	794	1,560
9	405	392	2,150	1,190	1,970	758	4,720	514	458	430	805	4,060
10	392	383	2,000	1,310	1,980	752	3,560	489	439	383	559	4,020
11	377	366	2,310	1,490	2,270	749	2,680	475	450	328	497	3,000
12	370	370	3,030	1,620	2,380	747	2,160	489	464	296	537	2,150
13	366	388	4,800	1,670	2,540	747	1,870	503	534	277	685	1,340
14	355	383	5,360	1,560	2,760	761	1,730	509	469	266	777	881
15	350	381	4,080	1,370	2,640	766	1,790	497	441	258	769	735
16	350	447	2,800	1,210	2,160	749	1,900	464	439	254	699	651
17	357	454	2,040	1,120	1,640	727	1,980	430	447	266	581	581
18	355	449	1,680	1,090	1,410	716	1,990	486	413	251	520	528
19	348	454	1,500	1,030	1,290	705	1,780	713	385	262	514	483
20	353	436	1,530	976	1,230	724	1,460	626	360	281	492	458
21	344	456	1,800	958	1,180	965	1,200	615	357	276	455	439
22	335	608	1,680	1,000	1,140	1,240	1,040	623	383	279	439	775
23	328	643	1,570	1,120	1,090	1,450	955	691	371	270	444	1,250
24	324	645	1,440	1,190	1,040	1,670	906	1,090	355	288	422	713
25	320	658	1,280	1,150	986	1,680	870	1,200	330	306	383	528
26	326	755	1,210	1,030	937	1,550	825	719	313	366	422	475
27	328	749	1,350	1,140	899	1,740	772	609	325	475	388	472
28	331	755	1,700	1,270	870	2,180	721	548	308	553	402	469
29	331	830	2,100	1,620	------	2,790	682	539	294	539	349	551
30	322	815	2,340	2,110	------	3,030	651	565	285	587	349	509
31	331	------	2,290	2,340	------	3,020	------	542	------	766	439	------
TOTAL	12,523	14,837	60,069	42,174	48,472	36,516	61,662	18,565	13,270	10,744	17,851	29,835
MEAN	404	495	1,938	1,360	1,731	1,178	2,055	599	442	347	576	995
MAX	806	830	5,360	2,340	2,760	3,030	5,260	1,200	632	766	902	4,060
MIN	320	359	509	958	870	705	651	430	285	251	349	416
CFSM	.65	.79	3.11	2.18	2.77	1.89	3.29	.96	.71	.56	.92	1.59
IN.	.75	.88	3.58	2.51	2.89	2.18	3.68	1.11	.79	.64	1.06	1.78

CAL YR 1973 TOTAL 623,906 MEAN 1,709 MAX 11,500 MIN 320 CFSM 2.74 IN 37.19
WTR YR 1974 TOTAL 366,518 MEAN 1,004 MAX 5,360 MIN 251 CFSM 1.61 IN 21.85

02368300 Baggett Creek near Milligan, Fla.

LOCATION.--Lat 30°43'40", long 86°39'35", in SW quarter sec. 28, T.3 N., R.24 W., Okaloosa County, at left downstream side of culvert on U. S. Highway 90, 1.2 mi (1.9 km) upstream from mouth, and 2 mi (3 km) southwest of Milligan.

DRAINAGE AREA.--7.77 sq mi (20.12 sq km).

PERIOD OF RECORD.--October 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level.

AVERAGE DISCHARGE.--10 years, 19.8 cfs (0.561 cu m/s), 34.61 in/yr (879 mm/yr).

EXTREMES.--Current year: Maximum discharge, 296 cfs (8.38 cu m/s) Sept. 8-9, gage height, 60.97 ft (18.584 m); minimum, 11 cfs (.312 cu m/s) July 13, gage height, 56.49 ft (17.218 m).
Period of record: Maximum discharge, 384 cfs (10.9 cu m/s) June 3, 1970, gage height, 61.70 ft (18.806 m); minimum, 6.3 cfs (.178 cu m/s) July 31, Aug. 4, 10, 17, 1968; minimum gage height, 56.33 ft (17.169 m) Oct. 9-10, 14, 16, 1972.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	21	17	29	25	23	19	17	15	14	17	17
2	24	19	17	26	25	23	32	17	19	14	36	20
3	19	19	17	25	26	23	23	17	16	14	38	21
4	18	19	26	33	23	23	23	17	15	13	25	17
5	17	24	35	26	22	23	24	17	15	13	23	15
6	17	21	23	24	25	23	19	17	23	14	23	15
7	16	20	18	25	121	24	19	16	17	16	31	42
8	16	20	17	24	49	21	23	16	15	22	32	134
9	16	24	17	23	31	21	19	16	15	21	28	127
10	16	22	17	23	29	21	18	16	17	19	19	4
11	16	20	17	57	28	21	18	19	15	15	15	3
12	16	20	17	29	27	20	18	18	15	13	22	27
13	16	20	17	24	27	20	23	16	14	12	37	25
14	16	20	16	24	27	20	26	15	16	13	23	25
15	16	21	27	24	27	20	27	15	26	12	2	25
16	16	20	26	24	30	20	21	15	19	12	19	23
17	16	17	18	24	27	19	18	15	19	12	29	22
18	15	16	18	23	27	19	18	19	16	12	30	21
19	15	16	17	23	38	21	17	29	15	12	25	21
20	15	17	40	23	29	20	17	17	15	15	25	21
21	15	29	22	24	27	30	16	16	24	15	21	21
22	16	22	19	22	34	22	17	16	25	12	20	22
23	18	19	19	22	27	20	18	20	17	12	18	20
24	18	18	18	22	26	19	16	17	16	14	18	20
25	18	24	26	22	25	23	16	16	15	15	17	19
26	19	19	132	25	24	67	16	17	15	18	17	21
27	18	18	30	38	24	37	16	17	15	15	16	22
28	19	30	24	28	24	30	16	16	14	14	26	22
29	18	19	23	32	------	24	17	16	14	13	21	21
30	18	17	93	37	------	21	17	16	14	25	18	19
31	22	------	35	26	------	20	------	16	------	40	17	------
TOTAL	558	511	855	831	874	738	587	526	511	477	720	902
MEAN	18.0	20.4	27.6	26.8	31.2	23.8	19.6	17.0	17.0	15.4	23.2	30.1
MAX	43	30	132	57	121	67	32	29	26	40	38	134
MIN	15	16	16	22	22	19	16	15	14	12	16	16
CFSM	2.32	2.63	3.55	3.45	4.02	3.06	2.52	2.19	2.19	1.98	2.99	3.87
IN.	2.67	2.93	4.09	3.98	4.18	3.53	2.81	2.52	2.45	2.28	3.45	4.32

CAL YR 1973 TOTAL 8,827 MEAN 24.2 MAX 132 MIN 15 CFSM 3.11 IN 42.26
WTR YR 1974 TOTAL 8,190 MEAN 22.4 MAX 134 MIN 12 CFSM 2.88 IN 39.21

PEAK DISCHARGE (BASE, 180 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-26	0915	60.24	209	2-07	1600	60.34	221
12-30	1230	60.37	224	9-08	2345	60.97	296

02368500 Shoal River near Mossy Head, Fla.

LOCATION.--Lat 30°47'45", long 86°18'25", in SW quarter sec. 36, T.4 N., R.21 W., Walton County, near center span on downstream side of bridge on State Highway 285, about 200 ft (61 m) downstream from Machine Branch, 3.9 mi (6.3 km) north of Mossy Head, and 34 mi (55 km) upstream from mouth.

DRAINAGE AREA.--123 sq mi (319 sq km).

PERIOD OF RECORD.--March 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 105.59 ft (32.184 m) above mean sea level. Prior to July 24, 1956, at site of former bridge 300 ft (91 m) north at same datum.

AVERAGE DISCHARGE.--23 years, 229 cfs (6.485 cu m/s), 25.28 in/yr (642 mm/yr).

EXTREMES.--Current year: Maximum discharge, 4,750 cfs (135 cu m/s) Dec. 26, gage height, 18.03 ft (5.496 m); minimum, 56 cfs (1.59 cu m/s) July 2, gage height, 4.80 ft (1.463 m).
Period of record: Maximum discharge, 10,500 cfs (297 cu m/s) Apr. 27, 1964, gage height, 23.64 ft (7.205 m), from rating curve extended above 4,500 cfs (127 cu m/s); minimum, 39 cfs (1.10 cu m/s) Oct. 22, 23, 1972, minimum gage height, 3.13 ft (0.954 m) Aug. 30, Sept. 9, 1951.

REMARKS.--Records good.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	192	142	150	1,260	930	295	199	150	94	70	130	116
2	218	111	144	894	743	285	484	148	111	74	299	126
3	187	104	140	715	739	277	728	148	116	78	564	212
4	171	103	149	624	630	268	458	143	130	73	410	187
5	160	118	300	546	528	258	718	142	136	97	253	127
6	153	116	236	474	482	250	548	145	116	310	264	130
7	149	108	174	474	1,300	242	366	139	102	184	386	138
8	146	107	158	452	2,110	232	326	134	97	124	271	1,070
9	146	114	152	416	1,210	226	342	130	93	98	212	1,640
10	140	115	149	390	728	220	317	128	106	93	173	636
11	135	104	144	448	578	212	282	133	144	88	158	358
12	130	101	142	606	508	204	256	176	99	85	160	263
13	126	100	142	522	464	196	244	146	92	83	149	220
14	122	97	142	400	432	187	258	130	89	80	146	202
15	121	108	150	366	410	182	390	125	89	78	140	190
16	121	163	227	346	660	181	353	123	86	77	143	181
17	121	118	184	331	622	175	279	120	84	77	179	170
18	114	102	152	315	460	169	247	123	83	85	139	161
19	109	101	142	302	488	167	228	119	83	83	129	151
20	108	102	290	293	570	172	215	114	81	79	123	146
21	106	246	282	309	462	250	202	111	83	77	117	173
22	103	315	200	300	703	247	196	107	95	75	114	226
23	102	185	176	279	588	197	208	129	83	74	109	207
24	101	146	166	270	456	176	194	133	92	79	105	156
25	100	184	223	263	386	173	181	117	90	92	102	142
26	98	180	3,360	266	348	213	172	109	82	97	113	137
27	98	150	2,750	1,260	326	284	164	113	79	247	153	139
28	98	264	1,330	2,220	308	382	158	104	75	161	143	142
29	98	248	847	1,480	------	474	156	101	74	148	131	142
30	97	169	1,050	1,950	------	304	153	100	72	99	116	130
31	111	------	2,130	1,450	------	224	------	98	------	131	113	------
TOTAL	3,981	4,321	15,981	20,221	18,169	7,322	9,022	3,938	2,856	3,296	5,744	8,018
MEAN	128	144	516	652	649	236	301	127	95.2	106	185	267
MAX	218	315	3,360	2,220	2,110	474	728	176	144	310	564	1,640
MIN	97	97	140	263	308	167	153	98	72	70	102	116
CFSM	1.04	1.17	4.20	5.30	5.28	1.92	2.45	1.03	.77	.86	1.50	2.17
IN.	1.20	1.31	4.83	6.12	5.50	2.21	2.73	1.19	.86	1.00	1.74	2.42

CAL YR 1973 TOTAL 121,530 MEAN 333 MAX 3,360 MIN 97 CFSM 2.71 IN 36.76
WTR YR 1974 TOTAL 102,869 MEAN 282 MAX 3,360 MIN 70 CFSM 2.29 IN 31.11

PEAK DISCHARGE (BASE, 1,200 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-26	1600	18.03	4,750	1-30	1100	13.13	2,060
12-31	0500	13.92	2,380	2-08	0900	13.65	2,270
1-28	0600	14.05	2,430	9-09	0200	13.15	2,070

02369000 Shoal River near Crestview, Fla.

LOCATION.--Lat 30°41'50", long 86°34'15", in SW quarter sec.5, T.2 N., R.23 W., Okloosa County, near center of bridge on downstream side of downstream bridge on State Highway 85, 3.5 mi (5.6 km) downstream from Titi Creek, 4.2 mi (6.8 km) south of Crestview, and 7 mi (11 km) upstream from mouth.

DRAINAGE AREA.--475 sq mi (1228 sq km).

PERIOD OF RECORD.--July 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 47.21 ft (14.390 m) above mean sea level. Prior to Feb. 12, 1939 and June 12, 1972 to Aug. 22, 1973, at same site and datum.

AVERAGE DISCHARGE.--36 years, 1056 cfs (29.91 cu m/s), 30.19 in/yr (767 mm/yr).

EXTREMES.--Current year: Maximum discharge, 8,950 cfs (253 cu m/s) Dec. 28, gage height, 9.70 ft (2.957 m); minimum, 370 cfs (10.5 cu m/s) July 22, gage height, 2.20 ft (0.671 m).
Period of record: Maximum discharge, 21,700 cfs (615 cu m/s) July 7, 1940 gage height, 14.26 ft (4.346 m); minimum, 240 cfs (6.80 cu m/s) Oct. 17, 18, 1972; minimum gage height, 0.96 ft (.293 m) May 13, 14, 1955.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1274: 1939-40, 1944, 1947, 1950. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,010	633	798	4,890	4,560	1,340	1,130	665	571	389	798	748
2	1,310	585	709	4,540	3,470	1,310	1,140	658	580	387	814	717
3	1,150	527	668	3,570	2,650	1,280	1,880	660	918	414	1,160	788
4	903	512	669	2,940	2,460	1,260	2,620	653	867	405	1,920	884
5	775	595	1,080	2,490	2,180	1,220	2,420	650	698	396	2,160	777
6	713	640	1,450	2,120	1,810	1,190	2,600	690	743	557	1,320	743
7	675	557	1,210	1,810	2,000	1,160	2,220	665	837	851	1,240	851
8	650	525	903	1,730	4,090	1,130	1,440	625	618	875	1,480	2,800
9	643	554	780	1,600	5,940	1,100	1,440	630	546	652	1,580	5,830
10	623	669	734	1,510	5,970	1,070	1,510	595	526	514	1,190	4,850
11	600	557	702	1,500	4,090	1,050	1,330	598	567	466	1,130	3,660
12	582	515	685	2,140	2,800	1,030	1,160	710	557	431	1,000	2,070
13	582	506	678	2,640	2,290	1,000	1,090	733	499	415	1,100	1,390
14	569	502	674	2,190	2,000	972	1,140	630	479	403	1,080	1,210
15	559	515	687	1,600	1,860	942	1,300	582	613	391	977	1,100
16	559	742	935	1,460	1,870	933	1,500	571	598	385	899	1,020
17	569	726	1,030	1,360	2,640	927	1,390	559	530	381	977	957
18	550	579	837	1,320	2,860	900	1,170	561	479	381	992	902
19	530	535	731	1,260	2,270	879	1,030	618	463	385	1,000	857
20	521	519	934	1,220	2,360	897	945	610	450	384	989	831
21	513	711	1,430	1,300	2,710	1,010	882	553	448	374	804	843
22	508	1,260	1,360	1,480	2,400	1,350	834	530	521	381	878	1,010
23	506	1,280	1,020	1,360	2,480	1,270	873	623	479	442	804	1,820
24	497	902	864	1,220	2,620	1,040	879	843	469	486	657	1,860
25	491	848	819	1,180	2,110	948	788	748	484	537	611	1,140
26	488	1,010	3,080	1,150	1,640	1,060	735	608	445	493	679	936
27	486	846	6,530	1,840	1,470	1,590	713	598	423	638	692	899
28	484	938	8,530	3,820	1,380	1,980	695	565	411	1,000	893	917
29	486	1,270	6,060	4,790	------	2,380	680	534	403	929	751	869
30	481	1,080	4,130	5,430	------	2,110	673	565	396	652	687	812
31	503	------	4,260	4,930	------	1,390	------	613	------	790	664	------
TOTAL	19,516	21,638	54,977	72,390	76,980	37,718	38,207	19,443	16,618	16,184	31,926	44,091
MEAN	630	721	1,773	2,335	2,749	1,217	1,274	627	554	522	1,030	1,470
MAX	1,310	1,280	8,530	5,430	5,970	2,380	2,620	843	918	1,000	2,160	5,830
MIN	481	502	668	1,150	1,380	879	673	530	396	374	611	717
CFSM	1.33	1.52	3.74	4.93	5.80	2.57	2.69	1.32	1.17	1.10	2.17	3.10
IN.	1.53	1.70	4.31	5.68	6.04	2.96	3.00	1.53	1.30	1.27	2.51	3.46

CAL YR 1973 TOTAL 515,309 MEAN 1,412 MAX 8,530 MIN 481 CFSM 2.98 IN 40.44
WTR YR 1974 TOTAL 449,688 MEAN 1,232 MAX 8,530 MIN 374 CFSM 2.60 IN 35.29

PEAK DISCHARGE (BASE, 3,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-28	0800	9.70	8,950	2-9	2200	8.70	6,640
1-1	1800	7.97	5,040	9-9	0500	8.51	6,220
1-30	0500	8.31	5,780				

02370000 Blackwater River near Baker, Fla.

LOCATION.--Lat 30°50'00", long 86°44'05", in SW quarter sec. 22, T.4 N., R.25 W., Okaloosa County, near right bank on downstream side of bridge on State Highway 4, 0.3 mi (0.5 km) downstream from Red Wash Branch, 3.8 mi (6.1 km) northwest of Baker, and 35 mi (56 km) upstream from mouth.

DRAINAGE AREA.--205 sq mi (531 sq km).

PERIOD OF RECORD.--March 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 60.5 ft (18.440 m) above mean sea level (from design elevation of bridge curb furnished by Florida Department of Transportation).

AVERAGE DISCHARGE.--24 years, 307 cfs (8.694 cu m/s), 20.34 in/yr (517 mm/yr).

EXTREMES.--Current year: Maximum discharge, 5,020 cfs (142 cu m/s) Sept. 9; gage height, 14.81 ft (4.514 m); minimum, 77 cfs (2.18 cu m/s) July 14-16; gage height, 2.37 ft (0.722 m).
Period of record: Maximum discharge, 26,200 cfs (742 cu m/s) June 4, 1970, gage height, 25.61 ft (7.806 m); minimum, 60 cfs (1.70 cu m/s) Sept. 7, 8, 1954; minimum gage height, 2.25 ft (.686 m) Oct. 17-19, 22-23, 1972.

REMARKS.--Records good.

REVISIONS (WATER YEARS).--WSP 1704: 1950(M), 1951-52.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	323	135	257	1,030	524	317	469	193	138	88	169	207
2	357	136	223	1,450	473	305	469	189	165	88	351	179
3	301	124	200	1,120	453	293	694	183	203	88	469	177
4	248	119	205	855	399	281	588	175	201	88	349	159
5	209	124	473	732	341	269	1,530	171	175	92	251	138
6	182	146	514	602	313	257	1,890	167	187	93	247	13
7	164	138	385	521	920	245	1,210	165	203	111	213	169
8	153	129	306	464	2,200	233	812	158	173	118	225	1,170
9	147	125	264	428	2,090	223	791	152	147	103	215	4,250
10	142	122	237	402	1,200	217	593	149	135	92	187	4,120
11	138	119	216	437	803	209	479	151	135	88	171	1,810
12	135	116	202	482	618	205	419	179	128	82	384	945
13	133	115	193	431	521	199	403	209	121	81	455	650
14	129	114	186	380	465	191	540	173	114	80	277	491
15	127	120	189	354	431	185	951	154	113	77	257	399
16	125	175	221	333	528	183	917	145	110	108	227	333
17	127	199	223	319	519	181	665	140	107	149	205	287
18	127	161	199	306	439	177	503	140	105	116	199	251
19	123	140	183	291	461	173	421	154	105	105	179	223
20	119	133	403	283	595	233	369	149	105	93	162	201
21	118	202	645	291	512	373	329	135	123	96	156	189
22	116	425	469	293	670	467	301	128	134	88	138	665
23	115	376	371	273	665	395	301	249	124	92	127	564
24	115	284	317	259	531	309	291	526	116	191	116	327
25	114	254	287	253	443	307	267	417	107	199	110	249
26	112	315	1,080	265	385	449	247	263	100	132	117	215
27	111	285	1,870	383	351	612	233	221	97	154	113	207
28	111	340	1,340	641	331	1,170	221	203	93	179	147	225
29	111	419	808	624	------	1,080	209	175	90	135	134	257
30	111	316	808	740	------	746	201	158	89	114	124	203
31	117	------	822	670	------	514	------	143	------	128	193	------
TOTAL	4,760	5,906	14,096	15,912	18,181	10,998	17,193	5,914	3,943	3,448	6,672	19,452
MEAN	154	197	455	513	649	355	573	191	131	111	215	648
MAX	357	425	1,870	1,450	2,200	1,170	1,890	526	203	199	469	4,250
MIN	111	114	183	253	313	173	201	128	89	77	110	130
CFSM	1.88	2.41	5.57	6.28	7.94	4.35	7.01	2.34	1.60	1.36	2.63	7.93
IN.	2.17	2.69	6.42	7.25	8.28	5.01	7.83	2.69	1.80	1.57	3.04	8.86

CAL YR 1973 TOTAL 166,657 MEAN 457 MAX 4,630 MIN 111 CFSM 5.59 IN 75.88
WTR YR 1974 TOTAL 126,475 MEAN 347 MAX 4,250 MIN 77 CFSM 4.25 IN 57.59

PEAK DISCHARGE (BASE, 1,500 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-27	0600	9.04	1,900	4-06	0900	9.16	1,950
1-02	1100	7.89	1,500	9-09	2400	14.81	5,020
2-09	0100	10.02	2,250				

02370500 Big Coldwater Creek near Milton, Fla.

LOCATION.--Lat 30°42'30", long 86°58'20", in SW quarter sec. 5, T.2 N., R.27 W., Santa Rosa County, at right bank on downstreams side of bridge on State Highway 191, 3 mi (5 km) upstream from mouth, and 6.5 mi (10.5 km) northeast of Milton.

DRAINAGE AREA.--237 sq mi (614 sq km).

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1956, published as Coldwater Creek near Milton. October 1956 to September 1957, published as Big Coldwater River near Milton.

GAGE.--Water-stage recorder. Datum of gage is 9.10 ft (2.774 m) above mean sea level. Prior to Dec. 2, 1938, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--36 years, 514 cfs (14.56 cu m/s), 29.45 in/yr (748 mm/yr).

EXTREMES.--Current year: Maximum discharge, 3,810 cfs (108 cu m/s) Sept. 9, gage height, 9.01 ft (2.746 m); minimum, 253 cfs (7.16 cu m/s) June 30, July 1, gage height, 2.94 ft (0.896 m).
Period of record: Maximum discharge, 32,000 cfs (906 cu m/s) June 4, 1970 (gage height, 21.41 ft (6.526 m), from floodmark); minimum, 156 cfs (4.42 cu m/s) June 10, 11, 1956; minimum gage height, 0.94 ft (0.287 m) Dec. 11, 1938.

REMARKS.--Records fair.

REVISIONS (WATER YEARS).--WSP 892: 1939. WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	418	345	403	1,060	555	420	528	328	305	255	478	363
2	425	319	365	1,390	520	415	585	330	405	255	515	350
3	388	301	348	1,000	515	410	886	328	503	273	1,060	338
4	353	295	393	1,040	475	403	782	323	430	303	722	325
5	330	309	729	1,100	435	395	1,340	321	450	309	573	305
6	315	330	720	806	423	388	1,670	333	388	321	573	298
7	307	309	543	663	1,060	383	934	325	365	378	498	330
8	305	299	443	603	2,230	375	774	311	333	425	503	1,080
9	325	313	400	565	2,020	368	705	305	311	353	530	2,830
10	313	328	375	535	1,070	360	600	301	328	313	453	2,830
11	305	301	355	609	754	355	528	355	330	287	378	1,220
12	297	289	345	693	642	358	493	606	307	275	355	737
13	293	289	348	615	583	365	530	553	291	267	360	588
14	293	285	340	525	550	350	693	403	283	265	413	513
15	293	325	363	490	530	345	910	348	283	261	443	460
16	295	490	373	470	570	345	878	323	293	259	405	423
17	301	440	353	458	553	343	684	311	297	281	353	393
18	293	348	330	443	498	335	548	305	289	271	343	370
19	285	319	323	425	538	338	485	360	283	271	345	350
20	281	313	675	420	693	395	445	368	285	261	320	340
21	281	453	894	473	606	528	418	319	301	271	323	353
22	281	657	663	538	666	627	403	313	313	269	320	395
23	281	520	513	473	687	520	418	495	291	267	303	588
24	279	413	448	438	560	428	405	510	285	285	288	488
25	277	470	450	435	493	418	378	400	279	283	280	383
26	275	633	1,320	448	455	578	363	358	277	269	280	350
27	275	495	1,840	590	438	758	353	405	263	277	280	360
28	275	555	1,620	802	428	1,310	345	408	259	305	328	410
29	275	630	858	738	------	1,500	338	350	257	309	335	378
30	275	483	902	729	------	918	333	328	255	330	303	338
31	299	------	965	645	------	630	------	315	------	473	335	------
TOTAL	9,488	11,856	18,997	20,219	19,547	15,661	18,752	11,338	9,539	9,221	12,995	18,486
MEAN	306	395	613	652	698	505	625	366	318	297	419	616
MAX	425	657	1,840	1,390	2,230	1,500	1,670	606	503	473	1,060	2,830
MIN	275	285	323	420	423	335	333	301	255	255	280	298
CFSM	1.29	1.67	2.59	2.75	2.95	2.13	2.64	1.54	1.34	1.25	1.77	2.60
IN.	1.49	1.86	2.98	3.17	3.07	2.46	2.94	1.78	1.50	1.45	2.04	2.90

CAL YR 1973 TOTAL 201,718 MEAN 553 MAX 2,650 MIN 271 CFSM 2.33 IN 31.66
WTR YR 1974 TOTAL 176,099 MEAN 482 MAX 2,830 MIN 255 CFSM 2.03 IN 27.64

PEAK DISCHARGE (BASE, 2,700 CFS).--Sept. 9 (2300) 3,810 cfs (9.01 ft).

02370700 Pond Creek near Milton, Fla.

LOCATION.--Lat 30°40'50", long 87°07'55", in SE quarter sec.15, T.2 N., R.29 W., Santa Rosa County, near center of span on downstream side of bridge on State Highway 191, 0.6 mi (1.0 km) downstream from Reader Creek, 6.4 mi (10.3 km) northwest of Milton, and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--58.7 sq mi (152.0 sq km).

PERIOD OF RECORD.--January 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 47.45 ft (14.463 m) above mean sea level.

AVERAGE DISCHARGE.--16 years, 72.7 cfs (2.059 cu m/s), 16.82 in/yr (427 mm).

EXTREMES.--Current year: Maximum discharge, 855 cfs (24.2 cu m/s), Sept. 8, gage height, 8.05 ft (2.454 m); minimum, 45 cfs (1.27 cu m/s), July 18-20, gage height 2.90 ft. (0.884m).
Period of record: Maximum discharge, 4,580 cfs (130 cu m/s), June 3, 1970, gage height, 12.97 ft (3.953 m); minimum, 26 cfs (0.74 cu m/s), Sept. 9-16, 1968; minimum gage height, 2.31 ft (0.704 m), Oct. 19-24, 28, 29, Nov. 1-3, 1968.

REMARKS.--Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	67	59	135	67	57	63	59	53	45	68	53
2	69	58	57	105	67	57	89	59	73	46	109	53
3	65	56	57	99	73	57	117	59	68	46	302	54
4	62	55	69	107	69	57	91	58	56	49	145	55
5	60	62	127	81	63	56	137	59	54	49	64	53
6	59	61	80	69	64	56	86	71	55	49	58	52
7	58	57	64	66	178	55	70	62	54	52	67	59
8	58	56	61	64	498	55	91	59	52	55	91	455
9	60	59	61	63	197	54	111	57	51	50	148	430
10	58	66	60	68	96	54	74	57	54	48	107	184
11	57	58	59	79	79	54	68	76	57	47	59	97
12	57	56	59	74	73	57	67	110	52	46	59	77
13	56	56	59	66	70	56	84	67	51	46	112	71
14	56	57	58	65	68	55	114	59	50	47	71	67
15	56	67	65	65	67	55	121	58	50	46	73	65
16	57	109	71	65	74	56	115	57	49	46	67	63
17	58	68	61	64	69	55	80	57	50	46	58	61
18	56	60	59	63	63	55	70	56	49	46	59	61
19	55	58	58	63	72	56	67	58	49	46	125	60
20	55	57	120	63	80	59	65	57	49	47	79	61
21	55	73	88	63	65	81	64	56	53	59	61	63
22	56	79	66	61	78	79	64	60	54	50	60	64
23	59	63	62	61	69	62	69	108	49	50	55	61
24	56	60	61	61	61	59	66	75	49	49	55	60
25	55	65	60	61	59	63	62	60	47	54	55	60
26	54	67	117	63	58	83	61	59	47	63	59	60
27	54	61	185	94	58	118	60	63	46	57	54	62
28	54	79	120	96	58	136	60	58	46	61	54	62
29	54	70	84	82	------	92	59	55	46	51	53	61
30	55	61	77	96	------	71	59	55	46	49	52	60
31	61	------	96	73	------	65	------	54	------	69	52	------
TOTAL	1,793	1,921	2,380	2,335	2,593	2,025	2,404	1,958	1,559	1,564	2,532	2,744
MEAN	57.8	64.0	76.8	75.3	92.6	65.3	80.1	63.2	52.0	50.5	81.7	91.5
MAX	69	109	185	135	498	136	137	110	73	69	302	455
MIN	54	55	57	61	58	54	59	54	46	45	52	52
CFSM	.98	1.09	1.31	1.28	1.58	1.11	1.36	1.08	.89	.86	1.39	1.56
IN.	1.14	1.22	1.51	1.48	1.64	1.28	1.52	1.24	.99	.99	1.60	1.74

CAL YR 1973 TOTAL 26,055 MEAN 71.4 MAX 196 MIN 45 CFSM 1.22 IN 16.51
WTR YR 1974 TOTAL 25,808 MEAN 70.7 MAX 498 MIN 45 CFSM 1.20 IN 16.36

PEAK DISCHARGE (BASE, 250 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
2-08	0500	7.47	588	9-08	2000	8.05	855
8-03	0900	6.70	340				

02375500 Escambia River near Century, Fla.

LOCATION.--lat 30°57'54", long 87°14'03", in NW quarter sec.10, T.5 N., R.30 W., Santa Rosa County, on left bank 16 ft downstream from bridge on State Highway 4, 1.2 mi (1.9 km) downstream from Escambia Creek, 1.7 mi (2.7 km) east of Century, and 52 mi (83 km) above mouth.

DRAINAGE AREA.--3,817 sq mi (9,886 sq km).

PERIOD OF RECORD.--October 1934 to current year.

GAGE.--Water-stage recorder. Datum of gage is 28.34 ft (8.638 m) above mean sea level (Florida State Road Department bench mark). Prior to Jan. 13, 1940, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--40 years, 6,033 cfs, (170.9 cu m/s), 21.46 in/yr, (545 mm/yr).

EXTREMES.--Current year: Maximum discharge, 47,200 cfs (1,340 cu m/s) Sept. 10, gage height, 18.75 ft (5.715 m); minimum, 1,200 cfs (34.0 cu m/s); minimum gage height, 2.93 ft (0.893 m) July 2.

Period of record: Maximum discharge, 77,200 cfs (2,190 cu m/s) Apr. 5, 1960, gage height, 20.94 ft (6.383 m); minimum, 578 cfs (16.4 cu m/s) Oct. 23, 1968; minimum gage height, 1.30 ft (0.396 m) Sept. 15, Oct. 20, 21, 1954.

Maximum stage known, 37.8 ft (11.52 m) in March 1929, from information by local residents.

REMARKS.--Records good. Some gage height fluctuations during periods of low flow are attributed to regulation by power plants located at Point-A dam, located 85.4 mi (137.4 km) and Gantt Dam, located 90.1 mi (144.9 km) above the gaging station, See page for table of gage heights.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,140	1,640	3,260	16,900	20,200	7,790	14,700	3,660	2,720	1,230	3,900	1,890
2	3,310	1,760	3,030	24,200	18,700	7,480	13,300	3,510	2,920	1,210	3,040	2,320
3	3,490	1,790	2,800	28,500	17,600	6,810	15,500	3,380	3,510	1,270	2,960	2,520
4	2,930	1,650	2,790	28,300	16,300	6,120	17,300	3,360	3,350	1,460	2,530	2,380
5	2,680	1,690	3,670	24,700	15,100	6,020	18,100	3,490	2,730	1,760	2,950	2,420
6	2,450	1,710	5,590	19,600	13,800	5,740	18,800	3,590	2,600	2,000	3,230	2,210
7	2,390	1,780	5,210	16,100	15,600	5,660	19,700	3,290	2,740	2,530	2,860	2,390
8	2,280	1,850	4,360	13,700	25,800	5,290	19,400	3,140	2,750	2,640	3,290	15,500
9	2,130	1,730	4,150	10,900	31,900	4,940	18,800	3,310	3,420	2,440	4,170	42,400
10	1,980	1,820	3,890	8,470	30,800	4,790	18,400	3,400	3,630	1,930	4,510	43,100
11	1,790	1,840	3,560	7,350	27,200	4,610	18,100	3,530	4,140	1,610	4,340	30,400
12	1,720	1,840	3,270	7,010	24,000	4,460	17,300	4,110	4,660	1,560	3,570	21,600
13	1,670	1,710	3,060	6,650	21,500	4,230	15,700	4,560	4,650	1,470	3,360	14,700
14	1,650	1,590	2,820	5,840	19,100	4,580	14,200	4,170	4,190	1,320	4,230	8,830
15	1,620	1,680	2,800	5,450	17,400	4,380	15,300	3,560	3,940	1,310	4,700	5,870
16	1,610	2,180	2,750	5,420	16,300	4,100	20,900	3,180	3,590	1,470	4,440	4,430
17	1,720	2,650	2,700	4,960	14,400	3,880	21,000	3,320	3,520	1,370	4,280	3,770
18	1,800	2,600	2,570	4,420	11,900	3,660	19,600	3,170	3,230	1,360	4,430	3,430
19	1,740	2,100	2,510	4,460	10,100	3,640	17,600	3,200	2,730	1,410	4,980	3,090
20	1,620	1,850	2,900	5,190	9,980	4,100	15,100	3,970	2,660	1,400	4,560	2,760
21	1,550	2,250	4,520	13,100	9,500	5,360	13,100	4,110	2,640	1,320	3,820	2,580
22	1,510	4,630	4,880	20,000	9,140	6,270	10,500	3,210	2,450	1,300	3,230	3,620
23	1,490	5,610	4,180	22,800	10,400	6,520	7,940	3,360	2,280	1,330	2,580	5,780
24	1,460	4,440	3,670	21,800	11,300	5,690	6,580	4,120	2,070	1,390	2,200	4,240
25	1,430	3,960	3,470	19,600	11,000	5,580	5,940	4,090	1,860	1,510	1,890	2,930
26	1,410	4,080	5,520	19,100	10,500	6,020	5,590	3,330	1,800	1,630	1,770	2,500
27	1,400	3,850	11,500	19,700	9,210	8,270	4,940	3,380	1,690	1,550	1,770	2,650
28	1,380	3,610	14,000	20,000	8,250	14,300	4,610	4,180	1,560	2,020	1,720	3,100
29	1,360	3,920	12,100	21,200	------	17,900	4,370	3,930	1,420	3,070	1,670	2,940
30	1,350	3,710	10,200	22,000	------	18,600	4,040	3,170	1,300	2,610	1,710	2,710
31	1,380	------	12,000	21,500	------	17,200	------	2,840	------	3,770	1,930	------
TOTAL	59,440	77,520	153,730	468,920	456,980	213,990	416,410	110,620	86,850	54,250	100,620	249,160
MEAN	1,917	2,584	4,959	15,130	16,320	6,903	13,880	3,568	2,895	1,750	3,246	8,305
MAX	3,490	5,610	14,000	28,500	31,900	18,600	21,000	4,560	4,660	3,770	4,980	43,100
MIN	1,350	1,590	2,510	4,420	8,250	3,640	4,040	2,840	1,300	1,210	1,670	1,890
CFSM	.50	.68	1.30	3.96	4.28	1.81	3.64	.93	.76	.46	.85	2.18
IN.	.58	.76	1.50	4.57	4.45	2.09	4.06	1.08	.85	.53	.98	2.43

CAL YR 1973 TOTAL 3,668,600 MEAN 10,050 MAX 74,100 MIN 1,350 CFSM 2.63 IN 35.75
WTR YR 1974 TOTAL 2,448,490 MEAN 6,708 MAX 43,100 MIN 1,210 CFSM 1.76 IN 23.85

02375500 Escambia River near Century, Fla.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.26	3.82	6.44	15.25	16.07	11.40	14.58	7.00	5.66	3.00	7.34	4.30
2	6.52	4.05	6.11	16.63	15.80	11.19	14.11	6.80	5.95	2.97	6.12	5.02
3	6.78	4.12	5.78	17.24	15.49	10.66	14.85	6.61	6.80	3.08	6.00	5.35
4	5.97	3.85	5.77	17.20	15.10	10.02	15.39	6.58	6.57	3.46	5.36	5.12
5	5.60	3.93	7.02	16.72	14.73	9.92	15.64	6.78	5.68	4.06	5.99	5.19
6	5.23	3.95	9.44	15.96	14.27	9.61	15.84	6.92	5.47	4.49	6.39	4.84
7	5.14	4.10	8.98	15.03	14.81	9.52	16.00	6.48	5.70	5.36	5.87	5.14
8	4.96	4.23	7.95	14.23	16.88	9.10	15.95	6.26	5.71	5.54	6.49	13.32
9	4.70	4.00	7.69	13.15	17.60	8.68	15.84	6.52	6.66	5.21	7.70	18.46
10	4.45	4.16	7.34	11.84	17.50	8.49	15.71	6.64	6.97	4.35	8.14	18.51
11	4.11	4.21	6.87	11.10	17.08	8.26	15.62	6.83	7.66	3.76	7.92	17.42
12	3.97	4.20	6.45	10.84	16.65	8.08	15.40	7.63	8.32	3.67	7.02	16.27
13	3.88	3.95	6.15	10.49	16.28	7.79	14.90	8.20	8.31	3.49	6.59	14.55
14	3.84	3.73	5.82	9.72	15.86	8.22	14.40	7.70	7.74	3.19	7.79	12.00
15	3.79	3.90	5.78	9.28	15.43	7.98	14.76	6.87	7.41	3.16	8.37	9.72
16	3.77	4.79	5.71	9.25	15.11	7.62	16.17	6.32	7.06	3.49	8.05	8.04
17	3.98	5.54	5.63	8.70	14.46	7.33	16.21	6.53	6.82	3.28	7.85	7.17
18	4.14	5.48	5.43	8.03	13.54	7.01	15.96	6.31	6.39	3.26	8.04	6.69
19	4.01	4.66	5.33	8.08	12.76	6.99	15.45	6.35	5.67	3.36	8.73	6.19
20	3.78	4.22	5.92	8.93	12.69	7.60	14.72	7.43	5.58	3.35	8.20	5.73
21	3.65	4.90	8.15	13.85	12.44	9.17	14.03	7.62	5.54	3.19	7.23	5.44
22	3.57	8.25	8.60	16.03	12.24	10.16	12.97	6.37	5.24	3.14	6.40	6.90
23	3.52	9.47	7.73	16.48	12.92	10.39	11.47	6.58	4.96	3.20	5.43	9.64
24	3.46	8.05	7.03	16.32	13.31	9.55	10.44	7.64	4.60	3.33	4.83	7.78
25	3.41	7.43	6.74	15.98	13.21	9.43	9.83	7.60	4.25	3.57	4.30	5.97
26	3.37	7.60	9.15	15.88	12.96	9.91	9.44	6.54	4.14	3.81	4.07	5.32
27	3.34	7.27	13.32	15.99	12.28	11.63	8.66	6.61	3.93	3.65	4.08	5.55
28	3.31	6.94	14.35	16.05	11.71	14.44	8.26	7.71	3.67	4.46	3.97	6.21
29	3.27	7.38	13.60	16.24	------	15.56	7.96	7.39	3.32	6.16	3.88	5.98
30	3.25	7.08	12.80	16.36	------	15.78	7.53	6.31	3.15	5.49	3.96	5.66
31	3.31	------	13.54	16.28	------	15.37	------	5.84	------	7.12	4.18	------
MEAN	4.27	5.31	7.96	13.65	14.61	9.90	13.60	6.87	5.83	3.96	6.33	8.45
MAX	6.78	9.47	14.35	17.24	17.60	15.78	16.21	8.20	8.32	7.12	8.73	18.51
MIN	3.25	3.73	5.33	8.03	11.71	6.99	7.53	5.84	3.15	2.97	3.88	4.30

CAL YR 1973 MEAN 10.24 MAX 20.72 MIN 3.25
WTR YR 1974 MEAN 8.34 MAX 18.51 MIN 2.97

02376000 Pine Barren Creek near Barth, Fla.

LOCATION.--Lat 30°47'55", long 87°22'05", in SW quarter sec. 5, T.3 N., R.31 W., Escambia County, near right bank 10 ft (3 m) downstream from Wiggins Brige on private road, 0.3 mi (0.5 km) upstream from Blue Water Creek, 4.0 mi (6.4 km) northwest of Barth, and 7.3 mi (11.7 km) upstream from mouth.

DRAINAGE AREA.--75.3 sq mi (195.0 sq km).

PERIOD OF RECORD.--October 1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is 29.86 ft (9.101 m) above mean sea level.

AVERAGE DISCHARGE.--22 years, 143 cfs (4.050 cu m/s), 25.79 in/yr (655 mm/yr).

EXTREMES.--Current year: Maximum discharge, 17,700 cfs (501 cu m/s), Sept. 8, gage height, 16.98 ft (5.176 m); minimum, 84 cfs (2.38 cu m/s), July 12, 14-15; minimum gage height, 3.63 ft (1.106 m).
Period of record: Maximum discharge, 24,000 cfs (680 cu m/s), Apr. 14, 1955, gage height, 18.0 ft (5.49 m), from floodmark, from rating curve extended above 2,100 cfs (59.5 cu m/s), on basis of a slope-area measurement of peak flow; minimum, 51 cfs (1.44 cu m/s), June 8, 9, 1956; minimum gage height, 3.13 ft (0.954 m), Sept. 3, 4, 1956, Oct. 20, 21, 1968.

REMARKS.--Records good below 300 cfs (8.50 cu m/s), and fair above.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182	120	111	659	170	131	142	106	98	85	114	129
2	166	107	109	753	148	130	266	106	172	86	107	107
3	137	104	108	266	142	129	271	106	173	91	214	107
4	118	102	120	284	131	128	201	106	113	98	119	104
5	111	116	231	213	124	127	262	138	120	101	172	95
6	108	116	149	163	124	126	163	122	114	164	119	91
7	106	106	121	155	511	124	143	110	106	110	112	212
8	106	106	115	163	1,170	122	157	106	101	98	141	11,100
9	173	120	113	145	599	122	171	104	93	91	113	2,590
10	144	150	111	136	257	121	139	104	103	88	101	918
11	111	117	109	144	186	120	129	108	110	85	93	485
12	106	108	109	148	164	134	127	152	99	84	89	295
13	106	116	110	128	154	135	164	115	95	84	93	214
14	105	106	109	122	150	122	193	105	94	84	180	183
15	104	123	112	122	149	118	237	103	95	84	211	168
16	108	213	114	121	183	120	268	110	93	84	118	160
17	110	133	108	126	157	118	175	104	91	85	98	151
18	106	114	107	119	143	116	138	102	96	84	95	144
19	103	111	106	117	201	117	126	147	101	85	140	137
20	101	109	167	170	198	129	120	123	99	100	106	161
21	101	152	152	571	155	226	117	106	93	105	95	251
22	101	214	120	499	175	211	117	106	114	104	116	189
23	101	134	113	157	154	141	120	138	95	90	95	173
24	100	119	111	149	142	126	116	122	94	97	90	141
25	99	152	124	157	135	146	112	107	91	88	88	136
26	99	141	446	513	132	236	110	114	88	85	92	136
27	99	120	434	409	132	452	109	152	87	87	90	205
28	100	156	171	278	132	832	108	114	86	117	96	193
29	100	136	140	245	------	561	108	104	85	101	92	153
30	99	116	164	231	------	222	107	101	85	106	91	136
31	106	------	245	241	------	157	------	99	------	167	137	------
TOTAL	3,516	3,837	4,659	7,698	6,218	5,799	4,716	3,540	3,083	3,004	3,611	19,564
MEAN	113	128	150	248	222	187	157	114	103	96.9	116	652
MAX	182	214	446	753	1,170	832	271	152	173	167	214	11,100
MIN	99	102	106	117	124	116	107	99	85	84	82	91

CAL YR 1973 TOTAL 66,924 MEAN 183 MAX 1,780 MIN 94
WTR YR 1974 TOTAL 69,245 MEAN 190 MAX 11,100 MIN 84

PEAK DISCHARGE (BASE, 700 CFS)

DATE	TIME	G.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARGE
12-26	1200	8.91	752	2-08	0400	11.42	1,440
1-02	0100	11.06	1,230	3-28	0900	9.63	863
1-21	2300	9.24	801	9-08	1400	16.98	17,700

02376300 Brushy Creek near Walnut Hill, Fla.

LOCATION.--Lat 30°53'21", long 87°32'24", in SE quarter sec. 4, T.4 N., R.33 W., Escambia County, near right bank on downstream side of county road bridge, 1,000 ft (305 m) downstream from Rocky Creek, 2 mi (3 km) west of Walnut Hill, and 7.9 mi (12.7 km) upstream from mouth.

DRAINAGE AREA.--49 sq mi (127 sq km), approximately.

PERIOD OF RECORD.--January 1958 to current year.

CACE.--Water-stage recorder. Datum of gage is 118.32 ft (36.064 m) above mean sea level.

AVERAGE DISCHARCE.--16 years, 99.2 cfs, (2.809 cu m/s), 27.49 in/yr, (698 mm/yr).

EXTREMES.--Current year: Maximum discharge, 9,380 cfs (266 cu m/s), Sept. 8, gage height, 14.86 ft (4.529 m); minimum, 53 cfs (1.50 cu m/s) July 1-2; gage height, 2.57 ft (.783 m).
Period of record: Maximum discharge, 9,680 cfs (274 cu m/s) Mar. 31, 1962; gage height, 14.96 ft (4.560 m); minimum, 36 cfs (1.02 cu m/s) Sept. 9-16, 1968; minimum gage height, 2.47 ft (.753 m) Oct. 10-11, 15-17, 1972.

REMARKS.--Records fair.

REVISIONS (WATER YEARS).--WSP: 1958-60(M).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	83	82	63	615	113	74	92	63	59	54	78	100
2	77	64	61	186	97	74	142	64	157	54	73	76
3	73	59	60	113	89	73	154	64	109	56	88	66
4	66	58	64	113	82	72	116	63	73	66	111	63
5	61	67	92	97	78	73	114	67	68	65	87	61
6	60	69	80	85	81	73	92	76	66	86	103	59
7	58	61	69	88	593	71	83	65	65	85	142	105
8	71	60	64	94	1,080	70	103	62	62	66	83	4,480
9	205	68	62	83	561	69	109	61	60	60	65	1,770
10	80	103	61	77	176	69	84	61	61	57	69	914
11	68	69	61	79	121	68	78	64	64	55	65	535
12	63	62	61	77	105	72	76	76	60	55	66	217
13	61	60	61	70	96	80	117	66	58	58	100	147
14	60	60	60	68	90	73	158	61	58	57	150	120
15	59	71	60	68	88	70	232	60	76	55	141	105
16	59	87	61	67	95	70	206	60	64	55	100	100
17	61	69	59	66	88	69	118	59	59	58	64	95
18	58	63	59	66	82	67	90	80	58	56	64	91
19	57	61	59	65	110	69	80	90	72	58	61	86
20	56	61	109	387	108	109	75	69	63	57	75	94
21	56	98	93	934	89	144	72	63	59	59	71	86
22	55	113	71	451	104	125	71	64	58	56	73	112
23	55	80	65	128	91	84	76	117	57	64	68	124
24	56	70	63	101	82	74	72	93	58	73	65	88
25	55	71	63	106	78	90	68	70	57	61	64	81
26	55	72	107	245	76	183	67	72	55	56	64	78
27	55	71	104	374	75	513	66	88	55	62	61	94
28	55	80	77	279	75	809	64	70	54	126	58	95
29	55	75	69	192	------	448	64	64	54	114	69	81
30	56	66	100	321	------	144	64	62	54	64	63	75
31	61	------	179	172	------	105	------	60	------	94	168	------
TOTAL	2,050	2,156	2,317	5,867	4,603	4,184	3,003	2,154	1,973	2,042	2,609	10,188
MEAN	66.1	71.7	74.7	189	164	135	100	69.5	65.8	65.9	84.2	340
MAX	205	113	179	934	1,080	809	232	117	157	126	168	4,480
MIN	55	58	59	65	75	67	64	59	54	54	58	59
CFSM	1.35	1.46	1.52	3.86	3.35	2.76	2.04	1.42	1.34	1.34	1.72	6.94
IN.	1.56	1.63	1.76	4.45	3.49	3.18	2.28	1.64	1.51	1.55	1.98	7.73

CAL YR 1973 TOTAL 43,805 MEAN 120 MAX 1,450 MIN 50 CFSM 2.45 IN 33.26
WTR YR 1974 TOTAL 43,140 MEAN 118 MAX 4,480 MIN 54 CFSM 2.41 IN 32.75

PEAK DISCHARCE (BASE, 800 CFS)

DATE	TIME	C.HT.	DISCHARGE	DATE	TIME	G.HT.	DISCHARCE
1-21	1200	8.81	1,060	3-28	1300	8.37	910
2-08	0600	9.34	1,270	9-08	1600	14.86	9,380

02376500 Perdido River at Barrineau Park, Fla.

LOCATION.--Lat 30°41'25", long 87°26'25", in NW quarter sec.23, T.4 S., R.6 E., Baldwin County, Ala., on right bank 25 ft (7.6 m) downstream from county highway bridge, 1,000 ft downstream from Alligator Creek, 0.5 mi (0.8 km) southwest of Barrineau Park, and 27 mi (43 km) upstream from mouth.

DRAINAGE AREA.--394 sq mi (1,020 sq km).

PERIOD OF RECORD.--June 1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 25.77 ft (7.855 m) above mean sea level. Prior to Aug. 22, 1949, nonrecording gage at same site and datum.

AVERAGE DISCHARGE.--33 years, 732 cfs (20.73 cu m/s), 28.40 in/yr (721 mm/yr).

EXTREMES.--Current year: Maximum discharge, 17,300 cfs (490 cu m/s) Sept. 9, gage height, 19.04 ft (5.803 m); minimum, 261 cfs (7.39 cu m/s) July 2, gage height, 1.63 ft (0.497 m).

Period of record: Maximum discharge, 39,000 cfs (1,100 cu m/s) Apr. 15, 1955, gage height, 23.94 ft (7.297 m), from rating curve extended above 8,500 cfs (241 cu m/s); minimum, 188 cfs (5.32 cu m/s) Oct. 12-18, 1973; minimum gage height, 1.24 ft (0.378 m) Oct. 1-6, 15-17, 20-25, 28-31, Nov. 1-3, 1968.

Maximum stage known, 25.7 ft (7.83 m) Mar. 15, 1929, from information by local resident.

REMARKS.--Records good.

REVISIONS.--WSP 1384: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	769	368	497	1,680	1,150	578	1,230	413	368	263	803	913
2	854	395	461	2,100	992	566	1,180	404	539	263	710	686
3	703	363	443	1,470	852	554	1,570	401	770	271	792	580
4	540	344	557	1,430	740	542	1,320	395	674	333	782	526
5	457	378	725	1,250	662	533	1,320	419	731	401	737	445
6	413	415	773	981	617	527	1,120	464	659	431	695	408
7	385	400	689	820	2,020	524	897	461	533	446	862	868
8	370	373	611	796	4,260	515	813	407	455	458	953	11,900
9	443	368	551	761	3,360	503	873	388	404	395	869	16,600
10	534	418	497	710	3,020	497	813	375	385	335	862	13,400
11	429	452	440	707	2,180	494	737	378	500	305	785	6,720
12	375	408	413	722	1,320	518	680	464	440	285	590	3,760
13	356	385	401	635	981	542	698	497	380	275	497	2,080
14	347	361	393	566	838	530	953	431	353	323	716	1,230
15	340	403	390	530	761	506	1,170	385	343	325	1,340	917
16	335	698	395	506	761	500	1,610	373	355	293	759	770
17	340	605	385	491	764	491	1,780	358	355	293	682	679
18	340	497	375	476	731	473	1,460	350	325	308	738	613
19	328	440	370	461	838	464	1,080	449	318	313	644	568
20	319	407	467	560	1,010	491	799	467	333	298	520	547
21	312	449	581	1,920	904	773	659	443	323	308	433	598
22	310	659	533	2,260	862	1,060	587	404	310	308	508	562
23	306	668	479	2,420	834	1,030	560	461	320	313	466	658
24	306	602	455	1,930	779	1,040	551	656	328	375	405	651
25	302	647	455	1,100	716	880	527	635	300	340	400	631
26	300	629	1,010	1,360	668	887	494	536	287	323	383	568
27	300	581	1,460	1,740	629	1,570	470	566	279	308	400	592
28	300	520	1,040	1,600	599	2,940	452	539	273	398	547	686
29	300	611	824	1,440	------	3,390	434	476	269	545	829	592
30	302	548	838	1,350	------	3,490	422	419	267	536	654	520
31	314	------	964	1,340	------	2,300	------	388	------	918	703	------
TOTAL	12,329	14,492	18,472	36,122	33,848	29,708	27,259	13,802	12,176	11,286	21,064	70,268
MEAN	398	483	596	1,165	1,209	958	909	445	406	364	679	2,342
MAX	854	698	1,460	2,420	4,260	3,490	1,780	656	770	918	1,340	16,600
MIN	300	344	370	461	599	464	422	350	267	263	383	408
CFSM	1.01	1.23	1.51	2.96	3.07	2.43	2.31	1.13	1.03	.92	1.72	5.94
IN.	1.16	1.37	1.74	3.41	3.20	2.80	2.57	1.30	1.15	1.07	1.99	6.63

CAL YR 1973 TOTAL 281,849 MEAN 772 MAX 4,620 MIN 274 CFSM 1.96 IN 26.61
WTR YR 1974 TOTAL 300,826 MEAN 824 MAX 16,600 MIN 263 CFSM 2.09 IN 28.40

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or flood flow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at crest-stage partial-record stations are presented in a table of annual maximum stage and discharge. Discharge measurements made at miscellaneous sites for both low flow and high flow are given in a second table.

Crest-stage and partial-record stations

The following table contains annual maximum discharge for crest-stage stations. A crest-stage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum		
					Date	Gage height (feet)	Discharge (cfs)
		09C St. Marys River basin and coastal area					
02230000	Turkey Creek at Macclenny, Fla.	Lat 30°16'08", long 82°07'21", in NE quarter, sec.5, T.3 S., R.22 E., Baker County, at bridge on State Highway 121, 0.9 mi (1.4 km) south of Macclenny and 1.8 mi (2.9 km) upstream from mouth. Datum of gage is 99.95 ft (30.465 m) above mean sea level (Florida Department of Transportation bench mark).	20.9	1956-69# 1970-74	8-6-74	5.88	510
02231230	Pigeon Creek at Boulogne, Fla.	Lat 30°45'39", long 81°58'04", in land grant 41, T.4 N., R.23 E., Nassau County, at bridge on U.S. Highways 1 and 301, 1 mi (1.6 km) southeast of Boulogne and 1.9 mi (3.1 km) upstream from mouth. Datum of gage is at mean sea level.	7.87	1964-66, 1969-74	9-5-74	22.74	255
02231250	Little St. Marys River near Hilliard, Fla.	Lat 30°43'55", long 81°53'35", in SE quarter sec.27, T.4 N., R.24 E., Nassau County, at bridge on State Highway 115A, 3.3 mi (5.3 km) northeast of Hilliard, and 13 mi (21 km) upstream from mouth. Datum of gage is at mean sea level. Prior to 1965, at datum 8.56 ft (2.609 m) higher.	20.8	1961-65, 1965-67#, 1968-74	9-6-74	13.26	232
		09E St. Johns River Basin					
02232450	Jim Creek near Christmas, Fla.	Lat 28°26'07", long 80°57'58", in NE quarter, sec.1, T.24 S., R.33 E., Orange County, at bridge on State Highway 520, 6.7 mi (10.8 km) upstream from mouth and 7.7 mi (12.4 km) southeast of Christmas. Datum of gage is 21.45 ft (6.538 m) above mean sea level.	22.7	1960-74	7-2-74	6.34	1,170
02233102	Econlockhatchee River tributary near Bithlo, Fla.	Lat 28°33'55", long 81°11'19", in NW quarter, sec.23, T.22 S., R.31 E., Orange County, at culvert on State Highway 50, 2.5 mi (4.0 km) above mouth and 5.1 mi (8.2 km) west of Bithlo. Datum of gage is 51.35 ft (15.651 m) above mean sea level.	1.83	1969-74	6-27-74	3.72	103
02235200	Black Water Creek near Cassia, Fla.	Lat28°52'37", long 81°29'21", in SW quarter, sec.35, T.18 S., R.28 E., Lake County, at bridge on State Highway 44A, 1.5 mi (2.4 km) southwest of Cassia and 13 mi (21 km) upstream from mouth. Datum of gage is 18.55 ft (5.654 m) above mean sea level (Florida Department of Transportation bench mark).	a 135	1962-67, 1967-69#, 1970-74	9-7-74	8.41	342
02236120	Deep Creek near Barberville, Fla.	Lat 29°09'47", long 81°23'27", in SW quarter, sec.27, T.15 S., R.29 E., Volusia County, at bridge on U.S. Highway 17, 2.1 mi (3.4 km) upstream from mouth and 2.5 mi (4.0 km) southeast of Barberville. Datum of gage is 2.49 ft (0.759 m) below mean sea level.	a 23	1964-74	9-28-74	8.26	149

Operated as continuous-record gaging station
a Approximately

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		09E St. Johns River Basin--Continued					
02240920	Fairfield Sink drain at Fairfield, Fla.	Lat 29°21'58", long 82°15'17", in NW quarter, sec.18, T.13 S., R.21 E., Marion County, on right bank of drainage channel near abandoned brick school, 50 ft (15 m) downstream from culvert on State Highway 316, approximately 450 ft (140 m) upstream from sink, and 0.2 mi (0.3 km) west of intersection of State Highways 316 and 225 at Fairfield. Datum of gage is 78.19 ft (23.832 m) above mean sea level.	1.70	1966-74	7-12-74	21.62	36
02240950	Hogtown Creek near Gainesville, Fla.	Lat 29°39'01", long 82°22'32", in SE quarter, sec.2, T.10 S., R.19 E., Alachua County, at bridge on Newberry Road, 2.2 mi (3.5 km) west of Gainesville. Datum of gage is 59.59 ft (18.163 m) above mean sea level.	18.5	1959-74	7-11-74	8.82	448
02240984	Sweetwater Branch tributary at Gainesville, Fla.	Lat 29°39'00", long 82°19'14", in SW quarter, sec.4, T.10 S., R.20 E., Alachua County, at culvert on SE 2nd Ave., 200 ft (60 m) southeast of Federal Building, Gainesville and 0.8 mi (1.3 km) upstream from mouth. Datum of gage is 138.20 ft (42.123 m) above mean sea level.	0.79	1971-74	5-12-74	7.74	+
02241800	Lochloosa Creek near Melrose, Fla.	Lat 29°42'07", long 82°08'02", in NW quarter, sec.20, T.9 S., R.22 E., Alachua County, at culvert on U.S. Highway 301, 4.9 mi (7.9 km) west of Melrose and 13 mi (21 km) upstream from mouth. Datum of gage not determined.	2.79	1970-74	6-27-74	6.50	40
02241900	Lochloosa Creek at Grove Park, Fla.	Lat 29°36'00", long 82°08'42", in NE quarter, sec.30, T.10 S., R.22 E., Alachua County, at bridge on State Highway 20, 1.0 mi (1.6 km) east of Grove Park and 3.7 mi (6.0 km) upstream from mouth. Datum of gage is 73.1 ft (22.28 m) above mean sea level.	r37.4	1958-74	9-6-74	5.85	251
02243530	Bruntbridge Brook at Kenwood, Fla.	Lat 29°32'08", long 81°53'02", in SE quarter, sec.15, T.11 S., R.24 E., Putnam County, at culverts on State Highway 315, 0.5 mi (0.8 km) southwest of Kenwood and 1.9 mi (3.1 km) upstream from mouth. Datum of gage not determined.	4.63	1971-74	8-8-74	7.50	145
02245300	Clarkes Creek near Green Cove Springs, Fla.	Lat 29°52'40", long 81°39'52", in NE quarter, sec.23, T.7 S., R.26 E., Clay County, at culvert on U.S. Highway 17, 3.0 mi (4.8 km) upstream from mouth and 7.8 mi (12.6 km) south of Green Cove Springs. Datum of gage is 12.86 ft (3.920 m) above mean sea level. Prior to 1969, at datum about 2.7 ft (0.82 m) lower.	8.81	1958-60, 1969-74	9-5-74	9.76	360
02245400	South Fork Black Creek near Camp Blanding, Fla.	Lat 29°56'33", long 81°53'52", in SE quarter, sec.28, T.6 S., R.24 E., Clay County, at bridge on State Highway 21, 6 mi (10 km) southeast of main entrance to Camp Blanding and 29 mi (47 km) upstream from mouth of Black Creek. Datum of gage is 41.92 ft (12.777 m) above mean sea level.	34.8	1958-60#, 1961-74	6-21-73 9-6-74	6.78 6.19	421 294
02245470	Greens Creek near Penney Farms, Fla.	Lat 29°54'38", long 81°47'40", in SW quarter, sec.3, T.7 S., R.25 E., Clay County, at bridge on county road, 5 mi (8 km) south of Penney Farms and 6.1 mi (9.8 km) upstream from mouth. Datum of gage is 51.25 ft (15.621 m) above mean sea level.	14.9	1958-74	9-5-74	e5.00	800
02245900	Yellow Water Creek near Maxville, Fla.	Lat 30°13'44", long 81°55'17", in NE quarter, sec.20, T.3 S., R.24 E., Duval County, at bridge on State Highway 228, 5.8 mi (9.3 km) northeast of Maxville and 7.1 mi (11.4 km) upstream from mouth. Datum of gage is 49.26 ft (15.014 m) above mean sea level.	25.7	1958-74	9-6-74	8.76	1,080

+ Discharge not determined
r Revised
e Estimated

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (area)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		09E St. Johns River Basin--Continued					
02246150	Big Davis Creek at Bayard, Fla.	Lat 30°09'05", long 81°31'35", in land grant 37, T.4 S., R.28 E., Duval County, at culvert on U.S. Highway 1, 0.8 mi (1.3 km) northwest of Bayard and 2.0 mi (3.2 km) upstream from mouth. Datum of gage is at mean sea level.	13.6	1964-66, 1966-69#, 1970-74b	8-6-74	7.91	196
02246200	Durbin Creek near Durbin, Fla.	Lat 30°05'57", long 81°31'34", in NE quarter, sec.6, T.5 S., R.28E., St. Johns County, at bridge on county road, 1.0 mi (1.6 km) downstream from Bowen Branch, 4.9 mi (7.9 km) northwest of Durbin, and 6.1 mi (9.8 km) upstream from mouth. Datum of gage is 1.88 ft (0.573 m) below mean sea level.	36.7	1961-74	8-6-74	5.99	447
02246460	Williamson Creek at Cedar Hills, Fla.	Lat 30°16'19", long 81°45'05", in land grant 37, T.3 S., R.25 E., Duval County, at culvert on Hugh Edwards Drive at Cedar Hills and 0.9 mi (1.4 km) upstream from mouth. Datum of gage not determined.	1.33	1971-74	5-12-74	12.35	+
02246600	Trout River at at Dinsmore, Fla.	Lat 30°25'51", long 81°46'07", in land grant 41, T.1 S., R.25 E., Duval County, at bridge on Kings Road, at Dinsmore and 11 mi (18 km) upstream from mouth. Datum of gage is 0.28 ft (0.085 m) below mean sea level (unadjusted).	19.9	1961-74	9-6-7	6.44	431
		09F Coastal area between St. Johns River and Turkey Creek					
02247200	Fish Swamp Outlet near Summer Haven, Fla.	Lat 29°39'20", long 81°19'43", in SE quarter, sec.1, T.10 S., R.29 E., St. Johns County, at culvert on State Highway 204, 0.2 mi (0.3 km) upstream from mouth and 7.7 mi (12.4 km) southwest of Summer Haven. Datum of gage is 19.14 ft (5.834 m) above mean sea level.	4.86	1962-74	6-27-74	3.74	81
02247600	Little Tomoka River near Ormond Beach, Fla.	Lat 29°15'23", long 81°09'52", in SW quarter, sec.27, T.14 S., R.31 E., Volusia County, at culverts on State Highway 40, 0.3 mi (0.5 km) upstream from Hull Cypress Swamp Outlet, 2.8 mi (4.5 km) upstream from mouth, and 7.0 mi (11.3 km) west of Ormond Beach. Datum of gage is 19.03 ft (5.800 m) above mean sea level (unadjusted).	a 10	1962-74	9-24-74	3.94	200
		10C Coastal area between Calloosahatchee River and Peace River					
02293390	North Prong Alligator Creek near Punta Gorda, Fla.	Lat 26°53'41", long 81°58'31", in SE quarter sec.23, T.41 S., R.23 E., Charlotte County, at bridge on county road, 0.8 mile (1.3 km) above mouth, and 4.4 miles (7.1 km) southeast of Punta Gorda. Datum of gage is 4.25 ft (1.295 m) above mean sea level (Florida Department of Transportation bench mark).	8.46	1970-74	6-25-74 6-28-74	15.41	511
02293400	Alligator Creek near Punta Gorda, Fla.	Lat 26°53'08", long 82°00'22", in NE quarter sec.28, T.41 S., R.23 E., Charlotte County, at bridge on State Highway 756A, 4.0 miles (6.4 km) southeast of Punta Gorda, and about 5.3 miles (8.5 km) upstream from mouth. Datum of gage is 0.07 ft (0.021 m) below mean sea level.	31.1	1960-74	6-28-74	7.01	+

Operated as a continuous-record gaging station
+ Discharge not determined
a Approximately
b Discontinued as a crest-stage partial-record station; established as a continuous-record station 6-1-74

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		10D Peace River Basin					
02295435	Hog Branch near Wauchula, Fla.	Lat 27°35'32", long 81°49'20", in SW quarter sec.21, T.33 S., R.25 E., Hardee County, at culvert on U.S. Highway 17, 1.7 miles (2.7 km) upstream from mouth, and 3.1 miles (5.0 km) north of Wauchula. Datum of gage is 76.11 ft (23.198 m) above mean sea level.	5.31	1969-74	6-29-74	5.20	+
		10E Myakka River Basin					
02298482	Johnson Creek near Myakka Head, Fla.	Lat 27°27'34", long 82°08'49", in SW quarter sec.6, T.35 S., R.22 E., Manatee County, at downstream end of culvert on State Highway 64, 0.4 mile (0.6 km) above mouth, and 4.4 miles (7.1 km) west of Myakka Head.	3.18	1970-74	6-27-74	5.57	59
		10F Coastal area between Myakka River and Alafia River					
02299800	Phillippi Creek at Sarasota, Fla.	Lat 27°19'20", long 82°30'20", in SE quarter sec.28, T.36 S., R.18 E., Sarasota County, at bridge on Bahia Vista Street, Sarasota, 1.5 miles (2.4 km) east of U.S. Highway 41, and 4.8 miles (7.7 km) upstream from mouth. Datum of gage is at mean sea level (Sarasota County bench mark).	a45	1960-74	8-2-74	5.49	1,040
02300040	Braden River near Bradenton, Fla.	Lat 27°26'01", long 82°29'13", in SE quarter sec.15, T.35 S., R.18 E., Manatee County, in wingwall of intake crib at Bradenton pump station, 3.7 miles (6.0 km) east of Oneco. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).	a 59	1967-74	1974	5.93	+
02300044	Braden River near Elwood Park, Fla.	Lat 27°26'45", long 82°29'30", in NW quarter sec.15, T.35 S., R.18 E., Manatee County, at bridge on State Highway 70, 1.2 mi (1.9 km) downstream from station No. 02300040, 1.6 mi (2.6 km) south of Elwood Park, and 6.2 mi (10.0 km) southeast of Bradenton. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).	a 59	1967-74	7-2-74	3.50	+
02300200	South Fork Little Manatee River near Duette, Fla.	Lat 27°35'25", long 82°10'57", in SW quarter sec.23, T.33 S., R.21 E., Manatee County, at bridge on county road, 0.5 mile (0.8 km) above Graveyard Creek, 3.7 miles (6.0 km) west of Duette, and 12 miles (19 km) upstream from mouth. Datum of gage is 89.25 ft (27.203 m) above mean sea level.	a 9.4	1960-74	7-1-74	2.8	120
02300700	Bullfrog Creek near Wimauma, Fla.	Lat 27°47'30", long 82°21'09", in SE quarter sec.12, T.31 S., R.19 E., Hillsborough County, at bridge on State Highway 672S, 6 miles (10 km) northwest of Wimauma, and 8.7 miles (14.0 km) upstream from mouth. Datum of gage is at mean sea level (Florida Department of Transportation bench mark).	29.1	1957-58# 1959-74	7-3-74	25.69	588
		10G Alafia River Basin					
02301314	Mizelle Creek near Keysville, Fla.	Lat 27°50'14", long 82°05'17", in SE quarter sec.27, T.30 S., R.22 E., Hillsborough County, on right bank 10 feet (3 m) downstream from bridge on county road, 1.7 miles (2.7 km) upstream from mouth, 2.0 miles (3.2 km) south of Keysville, and 3.6 miles (5.8 km) southeast of Pinecrest. Datum of gage is 70.42 ft (21.464 m) above mean sea level.	3.69	1969-74	9-2-69 8-28-70 9-14-71 2-2-72 4-4-73 6-30-74	5.44 5.66 5.11 5.58 5.64 5.76	q154 q169 q135 q164 q168 176

\# Operated as a continuous-record gaging station
\+ Discharge not determined
a Approximately
q Not previously published

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		10H Hillsborough River basin and coastal area north of Alafia River					
02303200	Pemberton Creek near Dover, Fla.	Lat 28°01'34", long 82°14'12", in SE quarter, sec.19, T.28 S., R.21 E., Hillsborough County, at bridge on county road, 1.8 miles (2.9 km) above Baker Creek, 2.5 miles (4.0 km) northwest of Dover, and 7.1 miles (11.4 km) upstream from mouth. Datum of gage is 53.04 ft (16.167 m) above mean sea level.	a 24	1957-58# 1959-74	6-27-74	2.96	+
d02303344	Trout Creek Tributary near Worthington Gardens, Fla.	Lat 28°12'54", long 82°23'24", in SE quarter sec.15, T.26 S., R.19 E., Pasco County, on left downstream wingwall of box culverts on State Highway 54, 1.8 mi (2.9 km) northeast of Worthington Gardens.	indeterminate	1974	6-27-74	5.21	210
02303358	Cypress Creek near Darby, Fla.	Lat 28°22'32", long 82°19'47", in NW quarter sec.29, T.24 S., R.20 E., Pasco County, at bridge on State Highway 578, 2.0 mi (3.2 km) northeast of Darby, 2.6 mi (4.2 km) above Bee Tree branch, and 4.3 mi (6.9 km) northwest of San Antonio. Datum of gage is 80 ft (24.384 m) above mean sea level. Prior to 5-15-70, at datum 8.60 ft (2.621 m) higher (corrected).	7.11	1969-74	6-25-74	15.79	617
		10J Coastal area between Hillsborough River and Withlacoochee River					
02307731	Allen Creek near Largo, Fla.	Lat 27°56'30", long 82°45'00", in SE quarter sec.24, T.29 S., R.15 E., Pinellas County, 3.0 miles (4.8 km) northeast of Largo, and 3.1 miles (5.0 km) upstream from mouth.	1.9	1947-51# 1971-74	9-10-71 8-27-72 9-3-73 6-26-74	10.78 10.87 9.35 11.70	q552 q567 q336 718
d02310212	Peck Sink drain near Brooksville, Fla.	Lat 28°32'00", long 82°25'45", in SW quarter sec.29, T.22 S., R.19 E., Hernando County, on downstream side of county road, 0.6 mile (1.0 km) southeast of State Highway 50 and 2.9 miles (4.7 km) southwest of Brooksville. Datum of gage is 52.43 ft (15.981 m) above mean sea level.	16.6	1966-74	6-25-74	16.13	+
d02310224	Sparkman Lake Outlet near Masaryktown, Fla.	Lat 28°27'23", long 82°22'14", in NW quarter sec.25, T.23 S., R.19 E., Hernando County, near center of span on upstream side box culverts on State Highway 581, 0.3 mi (0.5 km) north of Ayers Rd, and 5.4 mi (8.7 km) east of Masaryktown.	a 8	1973-74	6-25-74	5.83	+
d02310355	Bear Creek below Bear Sink near Hudson, Fla.	Lat 28°19'50", long 82°40'22", in NE quarter sec.11, T.25 S., R.16 E., Pasco County, at bridge on State Highway 52, 0.2 mi (0.3 km) downstream from Bear Sink and 2.8 mi (4.5 km) southeast of Hudson. Datum of gage is 4.42 ft (1.347 m) above mean sea level.	29.7	1967-74	6-28-74	6.73	198
		09G Withlacoochee River Basin					
02312530	Blue Sink drain near Brooksville, Fla.	Lat 28°36'30", long 82°20'21", in SE quarter, sec.31, T.21 S., R.20 E., Hernando County, on left bank, 0.5 mi (0.8 km) downstream from Wade Prairie (lake), 1.1 mi (1.8 km) southeast of U.S. Highway 41, 1.6 mi (2.6 km) north of State Highway 478, and 4.7 mi (7.6 km) northeast of Brooksville. Datum of gage is 38.12 ft (11.619 m) above mean sea level.	68.4	1967-74	6-27-74	15.12	+
02312685	Walled Sink drain near Coleman, Fla.	Lat 28°45'05", long 82°02'05", in NW quarter, sec.17, T.20 S., R.23 E., Sumter County, on right bank near private road, 800 ft (240 m) upstream from Walled Sink, 0.3 mi (0.5 km) south of State Highway 470, and 4.0 mi (6.4 km) southeast of Coleman. Datum of gage is 58.43 ft (17.809 m) above mean sea level.	a 90	1967-74	8-4-74	2.56	+

Operated as a continuous-record gaging station
+ Discharge not determined
a Approximately
d Refer to Gaging Station Records section of this report
q Not previously published

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		09H Coastal area between Withlacoochee River and Suwannee River					
02313400	Waccasassa River near Bronson, Fla.	Lat 29°28'32", long 82°42'58", in NE quarter, sec.4, T.12 S., R.16 E., Levy County, at bridge on U.S. Highway Alternate 27, 2.5 mi (4.0 km) upstream from Little Waccasassa River, 5 mi (8 km) northwest of Bronson, and 28 mi (45 km) upstream from mouth. Datum of gage is 40.94 ft (12.479 m) above mean sea level.	ap220	1961-74	8-7-74	4.33	100
		09J Suwannee River Basin					
02315534	Rocky Creek tributary near Wellborn, Fla.	Lat 30°18'51", long 82°49'50", in SE quarter, sec.17, T.2 S., R.15 E., Suwannee County, at culvert on State Highway 136, 0.8 mi (1.3 km) upstream from mouth and 5.8 mi (9.3 km) north of Wellborn. Datum of gage is 100.52 ft (30.638 m) above mean sea level, unadjusted.	a 1.2	1970-74	9-6-74	5.20	+
02317630	Alapaha River near Jasper,Fla.	Lat 30°31'42", long 83°02'17", in SE quarter, sec.32, T.2 N., R.13 E., Hamilton County, at bridge on U.S. Highway 41, 5.4 mi (8.7 km) west of Jasper and 11 mi (18 km) upstream from mouth. Datum of gage is at mean sea level.	ag 1,720	1948, 1966-74	9-17-74	66.07	5,040
02321600	Olustee Creek near Lulu, Fla.	Lat 30°05'42", long 82°28'25", in SW quarter, sec.36, T.4 S., R.18 E., Columbia County, at bridge on State Highway 100, 1.4 mi (2.3 km) southeast of Lulu and 7.4 mi (11.9 km) upstream from Swift Creek. Datum of gage is 100.00 ft (30.480 m) above mean sea level.	49.1	1964-74	8-11-74	15.37	838
02321700	Swift Creek near Lake Butler, Fla.	Lat 30°03'28", long 82°25'10", in NW quarter, sec.16, T.5 S., R.19 E., Union County, at bridge on State Highway 100, at Guilford, and 5 mi (8 km) northwest of town of Lake Butler. Datum of gage is 109.56 ft (33.394 m) above mean sea level.	46.0	1957-60#, 1961-74	8-21-74	6.78	446
		09K Coastal area between Suwannee River and Aucilla River					
02325000	Fenholloway River near Perry, Fla.	Lat 30°04'16", long 82°39'45", in SE quarter, sec.6, T.5 S., R.7 E., Taylor County, at bridge on State Highway 356, 0.4 mi (0.6 km) upstream from Spring Creek, 1 mi (1.6 km) southwest of community of Hampton Springs, 5.5 mi (8.8 km) southwest of Perry, and 14 mi (22 km) above mouth. Datum of gage is at mean sea level.	a 160	1965-74	8-9-74	19.21	635
		11A Aucilla River Basin					
02326250	Aucilla River near Aucilla, Fla.	Lat 30°29'31", long 83°43'53", in NW quarter, sec.16, T.1 N., R.6 E., Jefferson County, at bridge on U.S. Highway 90, 1.3 mi (2.1 km) northeast of Aucilla and 48 mi (77 km) above mouth. Datum of gage is at mean sea level.	345	1965-74	1974	76.23	975
02326261	Little Aucilla River near Cherry Lake, Fla.	Lat 30°37"36", long 83°29'44", in SW quarter, sec.26, T.3 N., R.8 E., Madison County, at culvert on State Highway S253, 5.1 mi (8.2 km) northwest of Cherry Lake, and 11. 9 mi (19.1 km) northwest of Madison. Datum of gage is 97.71 ft (29.782 m) above mean sea level.	a 14.0	1970-74	12-28-74	5.98	73

Operated as a continuous-record gaging station
+ Discharge not determined
a Approximately
g Does not include Little Alapha River
p Includes that of Little Waccasassa River

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Cage height (feet)	Annual Maximum Dis-charge (cfs)
		11A Aucilla River Basin--Continued					
02326300	Little Aucilla River near Creenville, Fla.	Lat 30°31'10", long 83°35'14", in NE q-6-73 sec.2, T.1 N., R.7 E., Madison County, at bridge on State Highway 150, 4.5 mi (7.2 km) northeast of Greenville, and 10 mi (16 km) above mouth. Datum of gage is 86.30 ft (26.304 m) above mean sea level.	90.7	1963-74	12-30-73	4.53	234
		11B Coastal area Between Aucilla River and Ochlockonee River					
h02326598	Caney Creek near Monticello, Fla.	Lat 30°30'52", long 83°56'24", in SW quarter, sec.4, T.1 N., R.4 E., Jefferson County, at culvert on State Highway 158, 2.9 mi (4.7 km) above mouth, and 4.6 mi (7.4 km), southwest of Monticello Datum of gage is 120.25 ft (36.652 m) above mean sea level.	2.54	1969-74	8-6-71 8-25-72 4-1-73 9-6-74	8.97 10.08 11.24 11.37	176 400 845 910
02326800	Copeland Sink drain at Lloyd, Fla.	Lat 20°28'40", long 84°00'51", in NE quarter, sec.22, T.1 N., R.3 E., Jefferson County, at bridge on State Highway 158, and 0.5 mi (0.8 km) east of Lloyd. Datum of gage is at mean sea level.	285	1965-74	1974	74.37	645
		11C Ochlockonee River basin and coastal area					
02327050	Sopchoppy River near Arran, Fla.	Lat 30°13'50", long 84°32'20", in SW quarter, sec.9, T.3 S., R.3 W., Wakulla County, at bridge on U.S. Forest Service Road 315, 1.3 mi (2.1 km) downstream from unnamed tributary, 7.9 mi (12.7 km) northwest of Arran, and 34 mi (55 km) above mouth. Datum of gage is at mean sea level. (Florida Department of Transportation bench mark.)	48.2	1965-74	9-6-74	54.57	1,010
h02329180	Megginnis Arm tributary at Tallahassee, Fla.	Lat 30°28'40", long 84°17'41", in NE quarter, sec.23, T.1 N., R.1 W., Leon County, at culvert on Allen Road, 0.6 mi (1.0 km) above Megginnis Arm of Lake Jackson, and 2.8 mi (4.5 km) north of Leon County courthouse, Tallahassee. Datum of gage is 106.98 ft (32.608 m) above mean sea level.	1.51	1971-74	10-1-73	5.84	276
02329600	Little River near Midway, Fla.	Lat. 30°30'44", long 84°31'25", in SW quarter, sec.3, T.1 N., R.3 W., Cadsden County, at bridge on State Highway 268, 0.5 mi (0.8 km) upstream from Monroe Creek, 3.2 mi (5.1 km) above mouth, and 3.7 mi (6.0 km) west of Midway. Datum of gage is at mean sea level.	305	1965-74	1974	73.30	1,340
02330050	Telogia Creek near Creensboro, Fla.	Lat 30°33'34", long 84°43'36", in NW quarter, sec.22,T.2 N., R.5 W., Gadsden County, at bridge on State Highway 274, 1.2 mi (1.9 km) southwest of Creensboro, 1.3 mi (2.1 km) above Tallahassee Creek, and 54 mi (87 km) above mouth. Datum of gage is 100.00 ft (30.480 m) above mean sea level.	28.1	1965-74	1974	93.26	610
		11D Coastal area between Ochlockonee River and Apalachicola River					
02330200	New River at Vilas Fla.	Lat 30°13'08", long 84°53'28", in NW quarter, sec.13, T.3 S., R.7 W., Liberty County, at bridge on State Highway 65, 0.3 mi (0.5 km) west of Vilas, and 48 mi (77 km) above mouth. Datum of gage is 68.49 ft (20.876 m) above mean sea level.	23.2	1961-74	9-9-74	5.39	691
02330400	New River near Sumatra, Fla.	Lat 30°02'19", long 84°50'38", in SE quarter, sec.16, T.5 S., R.6 W., Liberty County, at bridge on U. S. Forest Service Road 120. 1.8 mi (2.9 km) below Cat Branch, 8.2 mi (13.2 km) east of Sumatra, and 29 mi (47 km) above mouth. Datum of gage is at mean sea level.	157	1965-74	9-10-74	24.03	3,110

h Also a miscellaneous measurment site

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		11E Apalachicola River Basin					
02358600	Flat Creek near Chattahoochee, Fla.	Lat 30°37'43", long 84°50'06", in SE quarter, sec.28, T.3 N., R.6 W., Gadsden County, at bridge on State Highway 269, 5.3 mi (8.5 km) south of Chattahoochee, and 6.1 mi (9.8 km) above mouth. Datum of gage is 85.39 ft (26.027 m) above mean sea level (Florida Department of Transportation bench mark).	24.9	1961-74	1974	7.48	518
02358998	Holliman Branch near Altha, Fla.	Lat 30°32'43", long 85°09'33", in NW quarter, sec.29, T.2 N., R.9 W., Calhoun County, on right bank 15 ft (5 m) above culvert on State Highway 274, 0.5 mi (0.8 km) above mouth, and 2.6 mi (4.2 km) southwest of Altha. Datum of gage is 54.92 ft (16.740 m) above mean sea level.	2.04	1969-74	7-19-74	5.22	108
		11F Coastal area between Apalachicola River and Choctawhatchee River					
h02359300	Sandy Creek near Panama City, Fla.	Lat 30°08'27", long 85°24'26", in NE quarter, sec.14, T.4 S., R.12 W., Bay County, at bridge on State Highway 22, 7.2 mi (11.6 km) above mouth, and about 16 mi (26 km) east of Panama City. Datum of gage is 0.33 ft (0.101 m) below mean sea level.	a25	1961-74	9-9-74	14.52	1,480
02359350	Econfina Creek near Compass Lake, Fla.	Lat 30°33'20", long 85°26'05", in SE quarter, sec.21, T.2 N., R.12 W., Bay County, on downstream side of bridge on county road, 0.3 mi (0.5 km) downstream from Long Branch, 3.5 mi (5.6 km) southwest of town of Compass Lake, and 33 mi (53 km) above mouth. Datum of gage is 109.48 ft (33.370 m) above mean sea level.	40.5	1962-65#, 1966-74	1-30-74	9.16	742
h02359550	Bear Creek near Youngstown, Fla.	Lat 30°19'10", long 85°27'20", in NE quarter, sec.17, T.2 S., R.12 W., Bay County, at bridge on U.S. Highway 231, 0.1 mi (0.2 km) downstream from South Fork Bear Creek, 3.2 mi (5.1 km) south of Youngstown, and 12 m (19 km) above mouth. Datum of gage is 10.14 ft (3.091 m) above mean sea level.	67.2	1962-65# 1966-74	9-9-74	10.74	1,170
		12A Choctawhatchee River Basin					
02365237	Fowler Branch near Leonia, Fla.	Lat 30°55'17", long 85°56'01", in NW quarter, sec.22, T.6 N., R.17 W., Holmes County, at culvert on State Highway 160, 0.6 mi (1.0 km) above mouth, 5.0 mi (8.0 km) east of Leonia, and 13.2 mi (21.2 km) north of Ponce de Leon. Datum of gage is 75.90 ft (23.134 m) above mean sea level.	5.09	1969-74	12-26-73	8.25	576
02365700	Sandy Creek at Ponce de Leon, Fla.	Lat 30°43'28", long 85°56'12", in SE quarter, sec.28, T.4 N., R.17 W., Holmes County, at bridge on State Highway 81 at Ponce de Leon and 10 mi (16 km) above mouth. Datum of gage is 42.94 ft (13.088 m) above mean sea level.	as115	1961-74	12-26-73	9.84	2,640
02366164	Reedy Branch near New Hope, Fla.	Lat 30°35'08", long 85°48'05", in NW quarter, sec.13, T.2 N., R.16 W., Washington County, at culvert on State Highway 79, 0.7 mi (1.1 km) northeast of New Hope, 1.9 mi (3.1 km) above mouth, and 6.0 mi (9.7 km) southwest of Vernon. Datum of gage is 39.67 ft (12.091 m) above mean sea level.	1.99	1969-74	2-8-74	2.09	+

\# Operated as continuous record gaging station
\+ Discharge not determined
a Approxmiately
s Includes that of Blue and Mill Creeks
h Also a miscellaneous measurement site

Annual maximum discharge at crest-stage partial-record stations during water year 1974

Station No.	Station Name	Location	Drainage area (sq mi)	Period of record	Annual Maximum Date	Annual Maximum Gage height (feet)	Annual Maximum Discharge (cfs)
		12A Choctawhatchee River Basin--Continued					
02366859	Pate Branch near Freeport, Fla.	Lat 30°28'44", long 86°24'05", in SW quarter, sec.20, T.1 S., R.18 W., Walton County, at culvert on State Highway 20, 0.6 mi (1.0 km) above Turnpike Branch, and 4.0 mi (6.4 km) southeast of Datum of gage is 5.02 ft (1.530 m) above mean sea level.	1.87	1969-74	9-9-74	8.39	90
		12B Coastal area between Choctawhatchee River and Yellow River					
h02367242	Little Rocky Creek near Niceville, Fla.	Lat 30°36'34", long 86°25'31", in SW quarter sec.2, T.1 N., R.22 W., Okaloosa County, at bridge on State Highway 285, 1.8 mi (2.9 km) above Smith Branch, and 7.0 mi (11.3 km) northwest of Niceville. Datum not determined.	3.70	1969-74	12-25-73	6.10	60
		12D Blackwater River basin and coastal area					
02370015	Muddy Branch near Beaver Creek, Fla.	Lat 30°51'01", long 86°46'54", in NW quarter, sec.18, T.4 N. R.25 W., Okaloosa County, on right bank 25 ft (8 m) above culvert on State Highway 4, 0.5 mi (0.8 km) above mouth, and 2.2 mi (3.5 km) south of Beaver Creek. Datum of gage is 123.87 ft (37.756 m) above mean sea level.	1.45	1969-74	3-23-69 6-3-70 2-20-71 8-12-72 1-18-73 9-8-74	6.78 9.09 6.29 6.20 7.84 7.48	98 381 46 41 225 182
02370750	Hurricane Branch near Milton, Fla.	Lat 30°40'32", long 87°08'17", in NW quarter, sec.22, T.2 N., R.29 W., Santa Rosa County, 0.6 mi (1.0 km) above mouth, and 7 mi (11 km) northwest of Milton. Datum of gage is 68.33 ft (20.827 m) above mean sea level.	2.95	1960-62# 1962-74	12-21-72 9-8-74	4.37 4.20	r167 112
		12F Perdido River basin and coastal area					
h02376079	Carpenter Creek at Pensacola, Fla.	Lat 30°28'15", long 87°12'48", in land grant 50, T.1 S., R.30 W., Escambia County, at culvert on State Highway S289, 0.9 mi (1.4 km) upstream from mouth at Bayou Texan, Pensacola. Datum of gage is 3.11 ft (0.948 m) above mean sea level.	6.02	1971-74	10-1-73	11.81	+
h02376551	Churchhouse Branch near Barrineau Park, Fla.	Lat 30°40'27", long 87°23'43", in NE quarter, sec.24, T.2 N., R.32 W., Escambia County, at culvert on State Highway 97, 0.5 mi (0.8 km) above mouth, and 2.7 mi (4.3 km) southwest of Barrinea Park. Datum of gage is 44.66 ft (13.612 m) above mean sea level.	0.92	1969-74	9-8-74	6.64	+

Operated as a continuous-record gaging station
+ Discharge not determined
r Revised
h Also a miscellaneous measurement site

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 1974

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements Date	Measurements Discharge (cfs)
		09E St. Johns River basin				
Econlockhatchee River	St. Johns River	Lat 28°41'57", long 81°01'48", in NW quarter, sec.4, T.21 S., R.33 E., Seminole County, 0.5 mi (0.8 km) upstream from mouth and 5.8 mi (9.3 km) southeast of Geneva, Fla.	267	-	4-30-74	34
Howell Creek 02234302	Lake Jessup	Lat 28°37'27", long 81°20'33", in NW quarter, sec.32, T.21 S., R.30 E., Orange County, at bridge on Howell Branch Rd, 1.2 mi (1.9 km) east of Maitland, Fla.	-	1945, 1960-61, 1966-67	11-12-73	3.0
Howell Creek 02234308	.....do.....	Lat 28°37'54", long 81°19'28", in SW quarter, sec.28, T.21 S., R.30 E., Seminole County, at culvert on Lake Howell Rd, 0.6 mi (1.0 km) south of intersection of SR 436 and 2.4 mi (3.9 km) east of Maitland, Fla.	-	1944	11-12-73	8.5
Lake Howell outlet	Howell Creek	Lat 28°38'56", long 81°17'32", in SW quarter, sec.23, T.21 S., R.30 E., Seminole County, at control structure, 0.3 mi (0.5 km) downstream from lake and 1.8 mi (2.9 km) southeast of Casselberry, Fla.	-	-	11-12-73	16
Little Wekiva River 02234945	Wekiva River	Lat 28°39'42", long 81"24'37", in NW quarter, sec.15, T.21 S., R.29 E., Seminole County, at bridge on county road, 0.6 mi (1.0 km) east of Forest City, Fla.	-	1944, 1960-61, 1965-67	4-25-74	3.6
Little Wekiva River 02234947	.....do.....	Lat 28°39'45", long 81°24'38", in NW quarter sec.15, T.21 S., R.29 E., Seminole County, at culvert on State Highway 436, 0.5 mi (0.8 km) east of Forest City, Fla.	-	-	4-25-74	12
Little Wekiva River	.....do.....	Lat 28°40'46", long 81°24'21", in NE quarter, sec.10, T.21 S., R.29 E., Seminole County, at culvert on Montgomery Rd. 0.5 mi (0.8 km) south of State Highway 434 and 1.5 mi (2.4 km) northeast of Altamonte Springs, Fla.	-	-	4-25-74	11
Deep Creek 02245255	St. Johns River	Lat 29°40'52", long 81°26'56", in NW quarter, sec.35, T.9 S., R.28 E., St. Johns County, at bridge on county road, 0.8 mi (1.3 km) northeast of Byrd, 1.3 mi (2.1 km) upstream from Sixteenmile Creek, and 4.5 mi (7.2 km) southeast of Hastings, Fla.	-	1958, 1967	6-3-74 6-10-74	0.05 .04
Sixteenmile Creek	Deep Creek	Lat 29°40'03", long 81°27'52", in land grant 38, T.9 S., R.28 E., St. Johns County, 0.7 mi (1.1 km) southwest of Byrd, 0.8 mi (1.3 km) upstream from State Highway 13, 1.2 mi (1.9 km) upstream from mouth, and 4.5 mi (7.2 km) southeast of Hastings, Fla.	-	-	6-3-74 6-10-74	0.73 1.0
Julington Creek 02246100	St. Johns River	Lat 30°11'19", long 81°33'45", in land grant 50, T.4 S., R.27 E., Duval County, at culvert on U.S. Highway 1, 1.5 mi (2.4 km) northwest of Greenland, 1.8 mi (2.9 km) upstream from Sweetwater Creek, and 11.5 mi (18.5 km) southeast of Union Station in Jacksonville, Fla.	a 8.9	1965-66# 1967	6-3-74 6-10-74	2.8 10
Durbin Creek	Julington Creek	Lat 30°05'54", long 81°28'22", in NE quarter, sec.3, T.5 S., R.28 E., St. Johns County, at bridge on U.S. Highway 1, 1.0 mi (1.6 km) northwest of Durbin, Fla.	-	-	6-3-74 6-10-74	0 3.4
Trout River	St. Johns River	Lat 30°25'35", long 81°46'16", in land grant 41, T.1 S., R.25 E., Duval County, at north end of Illinois Street, 0.4 mi (0.6 km) upstream from Kings Road, and 0.5 mi (0.8 km) southwest of Dinsmore, Fla.	-	-	6-3-74 6-10-74	1.8 11

Operated as a continuous-record gaging station
a Approximately

Discharge measurements made at miscellaneous sites during water year 1974

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements Date	Measurements Discharge (cfs)
		10D Peace River basin				
West Branch Saddle Creek	Saddle Creek	Lat. 28°02'38", long 81°53'14", SW quarter, sec.14, T.28 S., R.24 E., Polk County, at culvert on S-542, 3.4 miles (5.5 km) east of Lakeland, Fla.	-	-	7-12-74 7-16-74	24 11
Saddle Creek	Peace River	Lat. 28°02'38", long. 81°52'35", SE quarter, sec.14, T.28 S., R.24 E., Polk County, at bridge on S-542, 4.0 miles (6.4 km) east of Lakeland, Fla.	-	1955-56, 1965, 1967	7-12-74 7-16-74	72 33
Do.....	.....do.....	Lat 28°00'08", long 81°51'08", SW quarter, sec.31, T.28 S., R.25 E., Polk County, at bridge on S-540, 2.6 miles (4.2 km) east of Eaton Park, Fla.	-	-	7-12-74 7-16-74	129 56
Peace River	Charlotte Harbor	Lat.27°49'14", long. 81°47'56", SE quarter, sec.34, T.31 S., R.25 E., Polk County, at bridge on S-460, 1.4 miles (2.3 km) east of Homeland, Fla.	-	-	7-11-74 7-19-74	317 176
Do..... 02295203	.....do.....	Lat. 27°37'28", long. 81°48'10", NE quarter, sec.10, T.33 S., R.25 E., Hardee County, at bridge on county road, 1.6 miles (2.6 km) southeast of Bowling Green, Fla.	-	1939	7-9-74 7-11-74	1,650 1,110
Do..... 02295607	.....do.....	Lat. 27°33'01", long. 81°47'38", NE quarter, sec.3, T.24 S., R.25 E., Hardee County, at bridge on S-64A., 1.1 miles (1.8 km) east of Wauchula, Fla.	-	-	7-11-74 7-19-74	1,760 812
Charlie Creek 02296049	Peace River	Lat. 27°33'53", long. 81°38'17", SW quarter, sec.32, T.33 S., R.27 E., Hardee County, at bridge on S-64, 8.5 miles (13.7 km) west of Avon Park, Fla.	-	1956, 1965, 1967, 1969-70	6-30-74 7-1-74	372 683
Do.....	.....do.....	Lat. 27°27'33, long. 81°40'43", SE quarter, sec.2, T.35 S., R.26 E., Hardee County, at bridge on S-66, 6.9 miles (11.1 km) east of Zolfo Springs, Fla.	-	-	6-29-74 7-1-74	1,960 3,540
Peace River	Charlotte Harbor	Lat. 27°20'46", long. 81°49'37", SE quarter, sec.17, T.36 S., R.25 E., Hardee County, at county road, 1.7 miles (2.7 km) west of Gardner, Fla.	-	-	7-9-74 7-18-74	11,700 1,760
Joshua Creek 02297000	Peace River.	Lat. 27°10'41", long. 81°49'41", NE quarter, sec.17, T.38 S., R.25 E., DeSoto County, at bridge on S-31, 3.2 miles (5.1 km) southeast of Arcadia, Fla.	-	1956, 1956-61	6-29-74 7-2-74	808 650
Peace River 02297105	Charlotte Harbor	Lat. 27°09'43", long. 81°54'06", NW quarter, sec.22, T.38 S., R.24 E., DeSoto County, at bridge on S-760, and 1.1 miles (1.8 km) west of Nocatee, Fla.	-	1956-61	7-13-74 7-17-74	9,170 2,810
Horse Creek	Peace River	Lat. 27°29'13", long. 82°01'25", SE quarter, sec.29, T.34 S., R.23 E., Hardee County, at bridge on S-64, 3.5 miles (5.6 km) northeast of Myakka Head, Fla.	-	-	6-29-74 7-2-74	123 510
Do..... 02297251	.....do.....	Lat. 27°21'58", long. 81°58'25", in SW quarter, sec.1, T.36 S., R.23 E., Hardee County, at bridge on S-665, and 4.5 miles (7.2 km) west of Limestone, Fla.	128	1965, 1967, 1969-70	6-29-74 7-2-74	162 585
Peace River	Charlotte Harbor	Lat. 27°05'17", long. 81°59'39", NE quarter, sec.15, T.39 S., R.23 E., DeSoto County, at bridge on S-761, 2.5 miles (4.0 km) west of Fort Ogden, Fla.	-	-	7-9-74	17,700
Prairie Creek	Peace River	Lat. 26°59'25", long. 81°53'42", SE quarter, sec.15, T.40 S., R.24 E., Charlotte County, at bridge on S-764, 10.3 miles (16.6 km) northeast of Punta Gorda, Fla.	-	-	6-26-74 7-3-74	1,380 3,040

Discharge measurements made at miscellaneous sites during water year 1974

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements Date	Measurements Discharge (cfs)
		10D Peace River basin--Continued				
Shell Creek	Peace River	Lat. 26°58'30", long. 82°53'15", NW quarter, sec.26, T.40 S., R.24 E., Charlotte County, at bridge on S-764, 10.4 miles (16.7 km) northeast of Punta Gorda, Fla.	-	-	6-26-74 7-3-74	3,660 1,200
Myakka River 02298608	Charlotte Harbor	Lat. 27°20'38", long. 82°09'25", SE quarter, sec.13, T.36 S., R.21 E., Manatee County, at bridge on S-70, 0.3 miles (0.5 km) southeast of Myakka City, Fla.	-	- 1963-66	7-5-74 7-10-74	1,290 599
Do.....	.....do.....	Lat. 27°18'05", long. 82°15'15", in SE quarter sec.36, T.36 S., R.20 E., Sarasota County, at bridge on S-780, and 1.2 mi (1.9 km) southeast of Old Myakka, Fla.			7-5-74 7-10-74	2,230 1,270
Do.....	.....do.....	Lat. 27°12'42", long. 82°20'15", SE quarter, sec.31, T.37 S., R.20 E., 2.1 miles (3.4 km) south of S-72, and 14.5 miles (23.3 km) southeast of Sarasota, Fla.	-	-	6-20-74	7.8
Alafia River 02301638	Hillsborough Bay	Lat. 27°51'25", long. 82°16'10", NW quarter, sec.24, T.30 S., R.20 E., Hillsborough County, at Bell Shoals Bridge, 3.5 miles (5.6 km) east of Riverview, Fla.	-	1951 1973	11-29-72 7-4-74 7-5-74	b321 2,970 2,290
Itchepack-esassa Creek	Blackwater Creek	Lat. 28°07'09", long. 82°06'46", SE quarter, sec.21, T.27 S., R.22 E., Hillsborough County, at wooden bridge on ranch road, 2.1 miles (3.4 km) east of S-39, 2.7 miles (4.3 km) north of S-582, and 3.2 miles (5.1 km) northeas of Knights, Fla.	-	-	7-2-74 7-5-74 7-13-74	185 253 51
Do.....	.....do.....	Lat. 28°04'49", long. 82°04'24", NE quarter, sec.2, T.28 S., R.22 E., Hillsborough County, at bridge on S-582, 4.1 miles (6.6 km) east of Knights, Fla.	-	-	7-13-74 7-17-74	35 16
Hillsborough River	Hillsborough Bay	Lat. 28°02'44", long. 82°22'01", in SW quarter sec.13, T.28 S., R.19 E., Hillsborough County, at left bank 500 ft. (152 m) downstream from Whiteway Ave., 1.6 miles (2.6 km) northwest of Temple Terrace, and 2.1 miles (3.4 km) north of Harney, Fla.		1967-68 1972	4-25-74 5-17-74 4-25-68 5-22-72 5-10-74	b98 b82 b67 b102 64
Cresent Lake Outlet	Island Ford Lake	Lat. 28°08'34", long 82°35'33" in NW quarter sec.10, T.27 S., R.17 E., at culvert on county road, 2.9 miles (4.7 km) south of Odessa, Fla.	-	-	8-14-74	22
Anclote River	Gulf of Mexico	Lat. 28°13'39", long. 82°35'56", NW quarter, sec.15, T.26 S., R.17 E., Pasco County, on ranch road 2.4 miles (3.9 km) north of Odessa, Fla.	-	1971	2-11-71 4-1-71 7-3-74 7-5-74	b181 b1.0 209 137
Do.....	.....do.....	Lat. 28°13'17", long. 82°38'05", SE quarter, sec.18, T.26 S., R.17 E., Pasco County, 1.6 miles (2.6 km) northeast of S-54, and 3.3 miles (5.3 km) northwest of Odessa, Fla.	-	-	6-30-74 7-3-74 7-5-74	807 299 212
Pithlach-ascotee River	.....do.....	Lat. 28°16'32", long. 82°35'40", in SW quarter sec.27, T.25 S., R.17 E., Pasco County, at wooden bridge on private road, 1.7 miles (2.7 km) east of S-587, and 7.8 miles (12.6 km) northeast of New Port Richey, Fla.		1971	1-26-71 2-11-71 3-31-71 6-30-74 7-3-74	b1.7 b98 b4.2 194 227
		10C Coastal area between Myakka River and Peace River				
Bear Branch	Charlotte Harbor	Lat 26°47'00", long 82°02'15", in NW quarter, sec.32, T.42 S., R.23 E., Charlotte County, 1.5 mi (2.4 km) north of Charlotte County line on SR 765.	-	-	6-27-74	69.8
		09G Withlacoochee River basin				
Tsala Apopka Lake Channel 02312915	Withlacoochee River	Lat 28°53'02", long 82°18'09", in NW quarter, sec.34, T.18 S., R.20 E., Citrus County, at Brogden Bridge on State Highway 581, 50 ft (20 m) upstream from control structure and 3.9 mi (6.3 km) northeast of Inverness, Fla.	-	1973	8-7-74	172

b Not previously published

Discharge measurements made at miscellaneous sites during water year 1974

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements Date	Measurements Discharge (cfs)
		09J Suwannee River basin				
New River 02321000	Santa Fe River	Lat 29°59'53", long 82°16'27", in SW quarter, sec.2, T.6 S., R.20 E., Union County, at bridge on State Highway 100, 4.4 mi (7.1 km) southeast of town on Lake Butler, Fla.	193	1950-71#, 1973	6-5-74 9-11-74	31 1,230
Olustee Creek 02321800	.....do.....	Lat 30°00'14", long 82°34'20", in NW quarter, sec.1, T.6 S., R.17 E., Union County, at bridge on State Highway 238, 1.5 mi (2.4 km) west of Providence, Fla., 3.6 mi (5.8 km) downstream from Swift Creek, and 6.5 mi (10.5 km) upstream from mouth.	163	1956, 1958-60#, 1964-72##, 1973	6-10-74 9-11-74	14 864
		11B Coastal area between Aucilla River and Ochlockonee River				
Caney Creek 02326598	Lake Miccosukee	Lat 30°30'52", long 83°56'24", in SW quarter, sec.4, T.1 N., R.4 E., Jefferson County, at culvert on State Highway 158, 2.9 mi (4.7 km) above mouth, and 4.6 mi (7.4 km), southwest of Monticello.	2.54	1968-71	5-1-74	1.3
		11C Ochlockonee River basin and coastal area				
##Megginnis Arm tributary 02329180	Lake Jackson	Lat 30°28'40", long 84°17'41", in NE quarter, sec.23, T.1 N., R.1 W., Leon County, at culvert on Allen Road, 0.6 mi (1.0 km) above Megginnis Arm on Lake Jackson, and 2.8 mi (4.5 km) north of Leon County courthouse, Tallahassee, Fla.	1.51	1971-73	10-31-74	**0.14
		11F Coastal area between Apalachicola River and Choctawhatchee River				
##Sandy Creek 02359300	East Bay	Lat 30°08'27", long 85°24'26", in NE quarter, sec.14, T.4 S., R.12 W., Bay County, at bridge on State Highway 22, 7.2 mi (11.6 km) above mouth, and abouth 16 mi (26 km) east of Panama City.	a 25	1967-72	9-9-74	608
##Bear Creek 02359550	Econfina Creek	Lat 30°19'10", long 85°27'20", in NE quarter, sec.17, T.2 S., R.12 W., Bay County, at bridge on U.S. Highway 231, 0.1 mi (0.2 km) downstream from South Fork Bear Creek, 3.2 mi (5.1 km) south of Youngstown, and 12 m (19 km) above mouth.	67.2	1962-65#, 1966-74	9-9-74	1,362
		12B Coastal area between Choctawhatchee River and Yellow River				
Lafayette Creek 02366911	Fourmile Creek	Lat 30°29'35", long 86°07'33", in SE quarter, sec.15, T.1 S., R.19 W., Walton County, at bridge on State Highway 20 in Freeport, 0.9 mi (1.4 km) above La Grange Bayou, Fla.	-	1969-73	6-13-74	50
##Little Rocky Creek 02367242	Smith Branch	Lat 30°36'34", long 86°25'31", in SW quarter, sec.2, T.1 N., R.22 W., Okaloosa County, at bridge on State Highway 285, 1.8 mi (2.9 km) above Smith Branch, and 7.0 mi (11.3 km) northeast of Niceville, Fla.	3.70	1969-73	6-5-74 7-24-74	11 20
		12E Escambia River basin and coastal area				
Thompson Bayou	Escambia River	Lat 30°32'54", long 87°13'36", in SE quarter sec.25, T.1 N, R.30 W., Escambia County, 1.2 mi (1.9 km) upstream from Escambia River, and 1.8 mi (2.9 km) northwest of Riverview, Fla.	-	-	9-19-73	11

\# Operated as a continuous-record gaging station
Also a crest-stage partial-record station
** Field estimate
a Approxmiately

Discharge measurements made at miscellaneous sites during water year 1974

Stream	Tributary to	Location	Drainage area (sq mi)	Measured previously (water years)	Measurements Date	Measurements Discharge (cfs)
		12F Perdido River basin and coastal area				
##Carpenter Creek 02376079	Bayou Texan	Lat 30°28'15", long 87°12'48", in land T.1 S., R.30 W., Escambia County, at culvert on State Highway S289, 0.9 mi (1.4 km) upstream from mouth at Bayou Texan, Pensacola.	6.02	1971-73	11-14-73	14
					12-12-73	12
					1-16-74	13
					3-13-74	12
					5-3-74	10
					6-26-74	10
Elevenmile Creek 02376108	Perdido Bay	Lat 30°32'52", long 87°19'49", in NE quarter, sec.3, T.1 S., R.31 W., Escambia County, at bridge on State Highway 297 A, 1.4 mi (2.3 km) northwest of junction with State Highway 297, and 4.2 mi (6.8 km) northeast of Ensley, Fla.	13.9	1970-73	5-15-73	47
##Churchhouse Branch 02376551	Perdido River	Lat 30°40'27", long 87°23'43", in NE quarter sec.24, T.2N., R.32 W., Escambia County at culvert on State Highway 97, 0.5 mi (0.8 km) above mouth, and 2.7 mi (4.3 km) southwest of Barrineau Park.	.92	1969-71	6-26-74	**0.26

Also a crest-stage partial-record station
** Field estimate

The following table contains the annual maximum stream elevation at selected gaging stations in the St. Johns River basin during the calendar year 1974.

These stations are equipped with a crest-stage gage which records the peak stage occurring between inspections of the gage.

Miles above mouth was measured along low-water channel on topographic maps.

The years given in the period of record represent calendar years.

Annual maximum flood-profile data during calendar year 1974

Station No.	Station Name	Location	Miles above mouth	Drainage area (sq mi)	Period of record (calendar years)	Annual Maximum Date	Annual Maximum Elevation (feet)
		09E St. Johns River basin					
02231460	St. Johns River crest-stage gage No.1 near Micco,. Fla.	Lat 27°54'42", long 80°46'13, in SW quarter, sec.31, T.29 S., R.36 E., Brevard County, on right bank at cabbage palm tree, 10 ft (3 m) west of centerline of dike, at Sotille Ranch, 400 ft (120 m) north of 90° turn in dike, and 16.6 mi (26.7 km) west of Micco. Datum of gage is at mean sea level.	276	616	1953-74	1974	21.49
02231470	St. Johns River crest-stage gage No. 2 near Malabar, Fla.	Lat 28°00'47", long 80°46'13", in NE quarter, sec.36,s., T.28 S., R.35 E., Brevard County, on right bank at palm tree 250 ft (76 m) west of dike near residence of A. T. Anderson, 12.5 mi (20.1 km) west of Malabar. Datum of gage is at mean sea level.	269	674	1953-74	1974	18.58
02231800	St. Johns River crest-stage gage No. 3 near Melbourne, Fla.	Lat 28°03'27", long 80°46'51", in SW quarter, sec.12, T.28 S., R.35 E., Brevard County, on right bank at small live oak tree west of Melbourne-Tillman Drainage District dike, 75 ft (23 m) south of old road fill, 10.9 mi (17.5 km) southwest of Melbourne. Datum of gage is at mean sea level.	265	953	1953-74	1974	19.46
02232160	St. Johns River crest-stage gage No. 5 near Deer Park, Fla.	Lat 28°12'35", long 80°51'25", in NE quarter, sec.19, T.26 S., R.35 E., Brevard County, on left bank, on east side of dike at Deseret Farms of Florida, Inc., 8.6 mi (13.8 km) north of Deer Park, Osceola County. Datum of gage is at mean sea level.	248	1100	1953-74	1974	+15.2
02232240	St. Johns River crest-stage gage No. 6-A at Lake Winder, near Cocoa, Fla.	Lat 28°16'02", long 80°51'28", in NE quarter, sec.31, T.25 S., R.35 E., Brevard County, at palm tree, on north side of drainage ditch near northwest shore of Lake Winder, 9.8 mi (15.8 km) southwest of Cocoa. Datum of gage is at mean sea level.	d246 244 e243	1180	1961-74	1974	15.59
02232260	St. Johns River crest-stage gage No. 7 near Cocoa, Fla.	Lat 28°17'20", long 80°49'12", in SW quarter, sec.22, T.25 S., R.35 E., Brevard County, on left bank at dock between Lake Winder and Lake Poinsett, 7.2 mi (11.6 km) southwest of Cocoa. Datum of gage is unknown.	241	1209	1953-74	1974	c0.78
02232430	St. Johns River crest-stage gage No. 8 near Cocoa, Fla.	Lat. 28°29'21", long 80°52'55", in NW quarter, sec.13, T.23 S., R.34 E., Orange County, on left bank at cabbage palm tree, south of power line, at Tootoosahatchee Game Preserve, 8.8 mi (14.2 km) southeast of Christmas. Datum of gage is at mean sea level.	217	1385	1953-74	1974	11.36
02232700	St. Johns River crest-stage gage No. 9 near Christmas, Fla.	Lat 28°36'36", long 80°57'54", in NE quarter, sec.1, T.22 S., R.33 E., Brevard County, on right bank on west side of cabbage palm tree, 15 ft (5 m) west of centerline of sand road on Kyzer Ranch, 6.0 mi (9.7 km) northeast of Christmas. Datum of gage is at mean sea level.	201	1635	1953-74	1974	8.41

c Feet above measuring point
d Inlet of lake
e Outlet of lake
+ High-water mark

PAGE

ACCURACY OF DATA..... 12
ACRE-FOOT, DEFINITION OF..... 5
ALAFIA RIVER AND MYAKKA RIVER, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 316
  GAGING-STATION RECORDS IN..... 140
ALAFIA RIVER, AT LITHIA, FLA..... 136
  NORTH PRONG, AT KEYSVILLE, FLA..... 137
  SOUTH PRONG, NEAR LITHIA, FLA..... 316
ALAFIA RIVER BASIN, CREST-STAGE PARTIAL-RECORD STATIONS IN
  GAGING-STATION RECORDS IN..... 136-141
ALAPAHA RIVER NEAR JASPER, FLA..... 318
ALAQUA CREEK NEAR DEFUNIAK SPRINGS, FLA..... 298
ALLEN CREEK NEAR LARGO, FLA..... 317
ALLIGATOR CREEK, AT SAFETY HARBOR, FLA..... 181
  NEAR PUNTA GORDA, FLA..... 315
ANCLOTE RIVER NEAR ELFERS, FLA..... 184
  NEAR TARPON SPRINGS, FLA..... 186-187
  SOUTH BRANCH, NEAR ODESSA, FLA..... 183
ANNUAL MAXIMUM FLOOD-PROFILE DATA IN FLORIDA..... 327
APALACHICOLA RIVER AND CHOCTAWHATCHEE RIVER, COASTAL
        AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 320
  GAGING-STATION RECORDS IN..... 289-290
APALACHICOLA RIVER AND OCHLOCKONEE RIVER, COASTAL AREA
        BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 319
  GAGING-STATION RECORDS IN..... 283
APALACHICOLA RIVER, AT CHATTAHOOCHEE, FLA..... 284-285
  NEAR BLOUNTSTOWN, FLA..... 286-287
APALACHICOLA RIVER BASIN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 320
  GAGING-STATION RECORDS IN..... 284-288
APOPKA-BEAUCLAIR CANAL, NEAR ASTATULA, FLA..... 60-61
  BELOW DAM, NEAR ASTATULA, FLA..... 62
AUCILLA RIVER AND OCHLOCKONEE RIVER, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 319
  GAGING-STATION RECORDS IN..... 274-275
AUCILLA RIVER AND SUWANNEE RIVER, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 318
  GAGING-STATION RECORDS IN..... 267-]71
AUCILLA RIVER AT LAMONT, FLA..... 272
  NEAR AUCILLA, FLA..... 318
AUCILLA RIVER BASIN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 318-319
  GAGING-STATION RECORDS IN..... 272-273

BAGGETT CREEK NEAR MILLIGAN, FLA..... 301
BAKER CREEK NEAR THONOTOSASSA, FLA..... 154

PAGE

BAYROOT SLOUGH HEADWATERS NEAR BAY LAKE, FLA..... 217
BEAR CREEK NEAR YOUNGSTOWN, FLA..... 320
BEAR CREEK, AT PLAZA DRIVE, NEAR HUDSON, FLA..... 197
  BELOW BEAR SINK, NEAR HUDSON, FLA..... 198,317
BIG COLDWATER CREEK NEAR MILTON, FLA..... 305
BIG CREEK NEAR CLERMONT, FLA..... 53
BIG DAVIS CREEK AT BAYARD, FLA..... 88,315
BIG DITCH NEAR CRYSTAL SPRINGS, FLA..... 147
BIG GANT CANAL AT STRUCTURE S-11, NEAR WEBSTER, FLA..... 219
  AT STRUCTURE WC-2, AT RERDELL, FLA..... 220
  BELOW STRUCTURE WC-2, AT RERDELL, FLA..... 221
BLACK CREEK, NORTH FORK, NEAR MIDDLEBURG, FLA..... 87
  SOUTH FORK, NEAR PENNEY FARMS, FLA..... 86
BLACKWATER CREEK, NEAR CASSIA, FLA..... 313
BLACKWATER CREEK NEAR KNIGHTS, FLA..... 148-149
BLACKWATER RIVER BASIN AND COASTAL AREA:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 321
  GAGING-STATION RECORDS IN..... 304-306
BLACKWATER RIVER NEAR BAKER, FLA..... 304
BLUE SINK DRAIN NEAR BROOKSVILLE, FLA..... 317
BLUE SPRING NEAR BRONSON, FLA..... 246
BLUE SPRINGS NEAR ORANGE CITY, FLA..... 49
BRADEN RIVER NEAR BRADENTON, FLA..... 316
  NEAR ELWOOD PARK, FLA..... 316
BROOKER CREEK NEAR LAKE FERN, FLA..... 177
  NEAR TARPON SPRINGS, FLA..... 178
BRUNTBRIDGE BROOK AT KENWOOD, FLA..... 314
BRUSHY CREEK NEAR WALNUT HILL, FLA..... 310
BULLFROG CREEK NEAR WIMAUMA, FLA..... 316

CALOOSHATCHEE RIVER AND PEACE RIVER, COASTAL AREA
        BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 315
  GAGING STATION RECORDS IN 108
CANEY CREEK NEAR MONTICELLO, FLA..... 319
CARPENTER CREEK AT PENSACOLA, FLA..... 321
CEDAR SWAMP CREEK AT JACKSONVILLE, FLA..... 94
CFS-DAY, DEFINITION OF..... 5
CHARLIE CREEK NEAR GARDNER, FLA..... 123
CHASSAHOWITZKA RIVER NEAR HOMOSASSA, FLA..... 202-203
CHIPOLA RIVER NEAR ALTHA, FLA..... 288
CHOCTAWHATCHEE RIVER AND APALACHICOLA RIVER COASTAL
        AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 320
  GAGING-STATION RECORDS IN..... 289-290
CHOCTAWHATCHEE RIVER AND YELLOW RIVER, COASTAL AREA
        BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 321
  GAGING-STATION RECORDS IN..... 297-299
  MEASUREMENTS AT MISCELLANEOUS SITES IN..... 325

PAGE

CHOCTAWHATCHEE RIVER, AT CARYVILLE, FLA..... 292-293
  NEAR BRUCE, FLA..... 295-296
CHOCTAWHATCHEE RIVER BASIN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 320-321
  GAGING-STATION RECORDS IN..... 292-296
CHURCHHOUSE BRANCH NEAR BARRINEAU PARK, FLA..... 321
CLARKES CREEK NEAR GREEN COVE SPRINGS, FLA..... 314
CONTENTS, DEFINITION OF..... 5
CONTROL, DEFINITION OF..... 5
CONTROL STRUCTURE, DEFINITION OF..... 5
COOPERATION, RECORD OF..... 4
COPELAND SINK DRAIN AT LLOYD, FLA..... 319
COW HOUSE CREEK NEAR TEMPLE TERRACE, FLA..... 166
COW SLOUGH NEAR ARCADIA, FLA..... 129
CRABGRASS CREEK NEAR HOLOPAW, FLA..... 28
CREST-STAGE PARTIAL-RECORD STATIONS..... 313-321
CROSS-FLORIDA BARGE CANAL AT INGLIS LOCK, NEAR
        INGLIS, FLA..... 240
  AT ST. JOHNS LOCK, NEAR PALATKA, FLA..... 78
CRYSTAL RIVER NEAR CRYSTAL RIVER, FLA..... 207-208
CRYSTAL SPRINGS NEAR ZEPHYRILLS, FLA..... 147
CUBIC FEET PER SECOND PER SQUARE MILE, DEFINITION OF..... 5
CUBIC FOOT PER SECOND, DEFINITION OF..... 5
CYPRESS CREEK, AT WORTHINGTON GARDENS, FLA..... 163-164
  NEAR DARBY, FLA..... 317
  NEAR SAN ANTONIO, FLA..... 161-162
  NEAR SULPHUR SPRINGS, FLA..... 165-166

DAILY MEAN DISCHARGE, DEFINITION OF..... 5
DATA, ACCURACY OF..... 12
  COLLECTION AND COMPUTATION OF..... 8-11
  EXPLANATION OF..... 8-11
  OTHER AVAILABLE..... 13
DEEP CREEK NEAR BARBERVILLE, FLA..... 313
DEFINITION OF TERMS..... 5-6
DISCHARGE, DEFINITION OF..... 5
DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS
        SITES..... 313-326
DIVISION OF WORK..... 15
DORA CANAL AT TAVARES, FLA..... 63
DOWNSTREAM ORDER AND STATION NUMBERS..... 7
DRAINAGE AREA, DEFINITION OF..... 6
DURBIN CREEK NEAR DURBIN, FLA..... 315

ECONFINA CREEK, NEAR BENNETT, FLA..... 290
  NEAR COMPASS LAKE, FLA..... 320
  NEAR FOUNTAIN, FLA..... 289
ECONFINA RIVER NEAR PERRY, FLA..... 270

PAGE

ECONLOCKHATCHEE RIVER, NEAR CHULUOTA, FLA..... 38
  AT MAGNOLIA RANCH NEAR BITHLO, FLA..... 36
  TRIBUTARY NEAR BITHLO, FLA..... 313
ESCAMBIA RIVER BASIN AND COASTAL AREA:
  GAGING-STATION RECORDS IN..... 307-309
ESCAMBIA RIVER NEAR CENTURY, FLA..... 307-308
ETONIA CREEK AT BARDIN, FLA..... 84
EXPLANATION OF DATA..... 8-14

FAIRFIELD SINK DRAIN AT FAIRFIELD, FLA..... 314
FENHOLLOWAY RIVER, AT FOLEY, FLA..... 269
  NEAR FOLEY, FLA..... 268
  NEAR PERRY, FLA..... 318
FISH SWAMP OUTLET NEAR SUMMER HAVEN, FLA..... 315
FLAT CREEK NEAR CHATTAHOOCHEE, FLA..... 320
FLINT CREEK AT STATE HIGHWAY 582, NEAR THONOTOSASSA, FLA.. 156
  NEAR THONOTOSASSA, FLA..... 155
FLOOD PROFILE DATA IN FLORIDA..... 327
FORDS ARM TRIBUTARY AT TALLAHASSEE, FLA..... 279
FOWLER BRANCH NEAR LEONIA, FLA..... 320
FOX BRANCH NEAR SOCRUM, FLA..... 145

GAGE HEIGHT, DEFINITION OF..... 6
GAGING-STATION, DEFINITION OF..... 6
  RECORDS..... 19-311
GEE CREEK NEAR LONGWOOD, FLA..... 43
GREENS CREEK NEAR PENNEY FARMS, FLA..... 314
GULF OF MEXICO NEAR BAYPORT, FLA..... 200-201

HAILE SINK NEAR ARREDONDO, FLA..... 74
HAINES CREEK AT LISBON, FLA..... 64-65
  BELOW BURRELL DAM, AT LISBON, FLA..... 66
HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER, COASTAL AREA
        BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 317
  GAGING-STATION RECORDS IN..... 171-209
HILLSBOROUGH RIVER ABOVE CRYSTAL SPRINGS, NEAR
        ZEPHYRHILLS, FLA..... 146
  AT FOWLER AVENUE, NEAR TAMPA, FLA..... 167
  AT MORRIS BRIDGE, NEAR THONOTOSASSA, FLA..... 157-158
  NEAR RICHLAND, FLA..... 144
  NEAR TAMPA, FLA..... 168
  NEAR ZEPHYRHILLS, FLA..... 150-151
HILLSBOROUGH RIVER BASIN AND COASTAL AREA NORTH OF ALAFIA
        RIVER:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 317
  GAGING-STATION RECORDS IN..... 142-170
HOG BRANCH NEAR WAUCHULA, FLA..... 316

PAGE

HOGTOWN CREEK NEAR ARREDONDO, FLA..... 73
NEAR GAINESVILLE, FLA..... 314
HOLLIMAN BRANCH NEAR ALTHA, FLA..... 320
HOLLIN CREEK TRIBUTARY NEAR TARPON SPRINGS, FLA..... 185
HOLMES CREEK AT VERNON, FLA..... 294
HOMOSASSA RIVER AT HOMOSASSA, FLA..... 205-206
HOMOSASSA SPRINGS, AT HOMOSASSA SPRINGS, FLA..... 204
SOUTHEAST FORK AT HOMOSASSA SPRINGS, FLA..... 204
HORSE CREEK NEAR ARCADIA, FLA..... 127
HOWELL CREEK AT STATE HIGHWAY 419 NEAR OVIEDO, FLA..... 40
NEAR SLAVIA, FLA..... 251
HUNTER CREEK NEAR BELMONT, FLA..... 321
HURRICANE BRANCH NEAR MILTON, FLA..... 7
HYDROLOGIC BENCH MARK STATION, DEFINITION OF..... 14
HYDROLOGIC CONDITIONS.....

ICHATUCKNEE SPRINGS NEAR HILDRETH, FLA..... 264
INDIAN RIVER AT WABASSO, FLA..... 99-100
INNISBROOK CANAL NEAR CRYSTAL BEACH, FLA..... 182
INTRACOASTAL WATERWAY AT STUART, FLA..... 104-107
INTRODUCTION..... 1

JANE GREEN CREEK NEAR DEER PARK, FLA..... 29
JIM CREEK NEAR CHRISTMAS, FLA..... 313
JOHNSON CREEK NEAR MYAKKA HEAD, FLA..... 316
JOSHUA CREEK AT NOCATEE, FLA..... 126
JUMPER CREEK CANAL NEAR BUSHNELL, FLA..... 226
JUMPING GULLY AT LOYCE, FLA..... 192
JUNIPER CREEK AT STATE HIGHWAY 85, NEAR NICEVILLE, FLA.... 299

LITHIA SPRINGS NEAR LITHIA, FLA..... 141
LITTLE ALAFIA RIVER AT TURKEY CREEK ROAD AT PLEASANT GROVE, FLA..... 139
NEAR HOPEWELL, FLA..... 138
LITTLE AUCILLA RIVER NEAR CHERRY LAKE, FLA..... 318
NEAR GREENVILLE, FLA..... 319
LITTLE CHARLIE BOWLEGS CREEK, AT COTTAGE ROAD, NEAR SEBRING, FLA..... 119
ABOVE CONTROL NEAR SEBRING, FLA..... 120
AT SOUTH FENCE LINE ROAD, NEAR SEBRING, FLA..... 118
NEAR CREWSVILLE, FLA..... 117
NEAR SEBRING, FLA..... 121-122
LITTLE ECONLOCKHATCHEE RIVER NEAR UNION PARK, FLA..... 37
LITTLE HAW CREEK NEAR SEVILLE, FLA..... 79
LITTLE MANATEE RIVER, NEAR FORT LONESOME, FLA..... 134
NEAR WIMAUMA, FLA..... 135
SOUTH FORK, NEAR DUETTE, FLA..... 316
LITTLE RIVER NEAR MIDWAY, FLA..... 319
NEAR QUINCY, FLA..... 280

PAGE

LITTLE ROCKY CREEK NEAR NICEVILLE, FLA..... 321
LITTLE ST. MARYS RIVER NEAR HILLIARD, FLA..... 313
LITTLE TOMOKA RIVER NEAR ORMOND BEACH, FLA..... 315
LITTLE WACCASASSA RIVER NEAR BRONSON, FLA..... 246
LITTLE WEKIVA RIVER NEAR ALTAMONTE SPRINGS, FLA..... 46
LITTLE WITHLACOOCHEE RIVER, AT RERDELL, FLA..... 222
  NEAR TARRYTOWN, FLA..... 318
LOCHLOOSA CREEK AT GROVE PARK, FLA..... 314
  NEAR MELROSE, FLA..... 314

MCBRIDES SLOUGH NEAR CRAWFORDVILLE, FLA..... 275
MAGDALENE, LAKE, OUTLET NEAR LUTZ, FLA..... 173
MAGNOLIA CREEK NEAR FREEPORT, FLA..... 297
MAIN CANAL AT VERO BEACH, FLA..... 102
MANATEE RIVER NEAR MYAKKA HEAD, FLA..... 133
MASARYKTOWN CANAL AT U.S. 41, NEAR MASARYKTOWN, FLA..... 191
MEAN DISCHARGE, DEFINITION OF..... 6
MEAN DAILY DISCHARGE, DEFINITION OF..... 5
MEASUREMENTS AT MISCELLANEOUS SITES..... 322-326
MEGGINNIS ARM TRIBUTARY AT TALLAHASSEE, FLA..... 319
  ABOVE U.S. HIGHWAY I-10, AT TALLAHASSEE, FLA..... 279
  BELOW U.S. HIGHWAY I-10, AT TALLAHASSEE, FLA..... 279
MIAMI SPRINGS NEAR LONGWOOD, FLA..... 44
MIZELLE CREEK NEAR KEYSVILLE, FLA..... 316
MOSSY GULLY TRIBUTARY AT STATE HIGHWAY 70 NEAR
        ARCADIA, LFA..... 128
MOULTRIE CREEK AT STATE HIGHWAY 207, NEAR
        ST. AUGUSTINE, FLA..... 95
MUDDY BRANCH NEAR BEAVER CREEK, FLA..... 321
MYAKKA RIVER AND ALAFIA RIVER, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 316
  GAGING STATION RECORDS IN..... 133-135
MYAKKA RIVER BASIN, CREST-STAGE PARTIAL-RECORD
        STATIONS IN..... 316
  GAGING-STATION RECORDS IN..... 132
MYAKKA RIVER NEAR SARASOTA, FLA..... 132

NEW RIVER, AT VILAS, FLA..... 319
  NEAR SUMATRA, FLA..... 319
  NEAR WILMA, FLA..... 283
  NEAR ZEPHYRHILLS, FLA..... 152-153
NORTH CANAL NEAR VERO BEACH, FLA..... 101
NORTH FORK BLACK CREEK NEAR MIDDLEBURG, FLA..... 87
NORTH PRONG ALAFIA RIVER AT KEYSVILLE, FLA..... 136
NORTH PRONG ALLIGATOR CREEK NEAR PUNTA GORDA, FLA..... 315

OCHLOCKONEE RIVER AND APALACHICOLA RIVER, COASTAL
        AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 319
  GAGING-STATION RECORDS IN..... 283

PAGE

OCHLOCKONEE RIVER AND AUCILLA RIVER, COASTAL AREA
BETWEEN:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 319
GAGING-STATION RECORDS IN..... 274-275
OCHLOCKONEE RIVER, NEAR BLOXHAM, FLA..... 282
NEAR HAVANA, FLA..... 278
OCHLOCKONEE RIVER BASIN AND COASTAL AREA:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 319
GAGING-STATION RECORDS IN..... 276-282
MEASUREMENTS AT MISCELLANEOUS SITES IN..... 325
OKLAWAHA RIVER ABOVE MOSS BLUFF DAM, AT MOSS BLUFF, FLA... 67
AT MOSS BLUFF, FLA..... 68-69
AT RODMAN DAM NEAR ORANGE SPRINGS, FLA..... 76-77
NEAR CONNER, FLA..... 72
OLD TAMPA BAY, AT ROCKY POINT, AT TAMPA, FLA..... 171-172
OLUSTEE CREEK, NEAR LULU, FLA..... 318
ORANGE CREEK AT ORANGE SPRINGS, FLA..... 75
ORTEGA RIVER AT JACKSONVILLE, FLA..... 89
OTHER DATA AVAILABLE..... 13
OUTLET RIVER AT PANACOOCHEE RETREATS, FLA..... 227
OX BOTTOM CREEK NEAR TALLAHASSEE, FLA..... 279

PABLO CREEK AT JACKSONVILLE, FLA..... 93
PALATLAKAHA RIVER, AT CHERRY LAKE OUTLET, NEAR
GROVELAND, FLA..... 54
AT STRUCTURE M-1, NEAR OKAHUMPKA, FLA..... 58-59
BELOW SPILLWAY, AT CHERRY LAKE OUTLET, NEAR
GROVELAND, FLA..... 55
BELOW SPILLWAY, NEAR MASCOTTE, FLA..... 57
NEAR MASCOTTE, FLA..... 56
PALM SPRINGS NEAR LONGWOOD, FLA..... 47
PARTIAL-RECORD STATION, DEFINITION OF..... 6
PATE BRANCH NEAR FREEPORT, FLA..... 321
PEACE CREEK DRAINAGE CANAL NEAR ALTURAS, FLA..... 109
PEACE RIVER AND CALOOSAHATCHEE RIVER, COASTAL AREA
BETWEEN:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 315
GAGING STATIONS RECORDS IN..... 108
PEACE RIVER, AT ARCADIA, FLA..... 124-125
AT BARTOW, FLA..... 111-112
AT FORT MEADE..... 113-114
AT ZOLFO SPRINGS, FLA..... 115-116
PEACE RIVER BASIN, CREST-STAGE PARTIAL-RECORD STATIONS IN. 316
GAGING-STATION RECORDS IN..... 109-131
PECK SINK DRAIN NEAR BROOKSVILLE, FLA..... 190,317
PEMBERTON CREEK NEAR DOVER, FLA..... 317
PERDIDO RIVER AT BARRINEAU PARK, FLA..... 311

PAGE

PERDIDO RIVER BASIN AND COASTAL AREA:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 321
  GAGING-STATION RECORDS IN..... 310-311
  MEASUREMENTS AT MISCELLANEOUS SITES IN..... 326
PHILLIPPI CREEK AT SARASOTA, FLA..... 316
PIGEON CREEK AT BOULOGNE, FLA..... 313
PINE BARREN CREEK NEAR BARTH, FLA..... 309
PITHLACHASCOTEE RIVER AT PORT RICHEY, FLA..... 195-196
  NEAR FIVAY JUNCTION..... 193
  NEAR NEW PORT RICHEY, FLA..... 194
PONCE DE LEON SPRINGS NEAR DELAND, FLA..... 52
POND CREEK NEAR MILTON, FLA..... 306
PRAIRIE CREEK NEAR FORT OGDEN, FLA..... 130
PUBLICATIONS..... 12-13

RAINBOW SPRINGS NEAR DUNNELLON, FLA..... 236
REEDY BRANCH NEAR NEW HOPE, FLA..... 320
RICE CREEK NEAR SPRINGSIDE, FLA..... 83
RIVER BASINS AND COASTAL AREAS..... 2
ROCK SPRINGS NEAR APOPKA, FLA..... 44
ROCKY CREEK NEAR BELMONT, FLA..... 251
ROCKY CREEK NEAR SULPHUR SPRINGS, FLA..... 176
ROCKY CREEK TRIBUTARY NEAR WELLBORN, FLA..... 318
ROCKY COMFORT CREEK NEAR QUINCY, FLA..... 281
RUNOFF IN INCHES, DEFINITION OF..... 6

ST. JOHNS HEADWATERS, NEAR KENANSVILLE, FLA..... 27
  NEAR VERO BEACH, FLA..... 26
ST. JOHNS RIVER, ABOVE LAKE HARNEY, NEAR GENEVA, FLA..... 39
  AT JACKSONVILLE, FLA..... 90-92
  AT PALATKA, FLA..... 80-82
  NEAR CHRISTMAS, FLA..... 34-35
  NEAR COCOA, FLA..... 33
  NEAR DELAND, FLA..... 50-51
  NEAR MELBOURNE, FLA..... 30-31
ST. JOHNS RIVER AND ST. MARYS RIVER, COASTAL AREA BETWEEN:
  GAGING-STATION RECORDS IN..... 25
ST. JOHNS RIVER AND TURKEY CREEK, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 315
  GAGING-STATION RECORDS IN..... 95-97
ST. JOHNS RIVER BASIN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 313-315
  FLOOD-PROFILE STATIONS IN..... 327
  GAGING-STATION RECORDS IN..... 26-94
  MEASUREMENTS AT MISCELLANEOUS SITES IN..... 322
ST. MARKS RIVER NEAR NEWPORT, FLA..... 274
ST. MARYS RIVER AND ST. JOHNS RIVER, COASTAL AREA BETWEEN:
  GAGING-STATION RECORDS IN..... 25

PAGE

ST. MARYS RIVER BASIN AND COASTAL AREA:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 313
  GAGING-STATION RECORDS IN..... 19-24
ST. MARYS RIVER, NEAR GROSS, FLA..... 22-24
  NEAR MACCLENNY, FLA..... 20-21
  NORTH PRONG, AT MONIAC, GA..... 19
SADDLE CREEK AT STRUCTURE P-11, NEAR BARTOW, FLA..... 110
SANDY CREEK, NEAR PANAMA CITY, FLA..... 320
SANDY CREEK, AT PONCE DE LEON, FLA..... 320
SANIBEL RIVER AT SANIBEL, FLA..... 108
SANLANDO SPRINGS NEAR LONGWOOD, FLA..... 47
SANTA FE RIVER, AT WORTHINGTON SPRINGS, FLA..... 262
  NEAR FORT WHITE, FLA..... 263
  NEAR GRAHAM, FLA..... 261
SELECTED REFERENCES..... 14
SHELL CREEK NEAR PUNTA GORDA, FLA..... 131
SHOAL RIVER, NEAR CRESTVIEW, FLA..... 303
  NEAR MOSSY HEAD, FLA..... 302
SILVER SPRINGS NEAR OCALA, FLA..... 70-71
SIMS CREEK NEAR BARDIN, FLA..... 85
SIXMILE CREEK AT TAMPA, FLA..... 142
  AT S-160, AT TAMPA, FLA..... 143
SOLDIER CREEK NEAR LONGWOOD, FLA..... 42
SOPCHOPPY RIVER, NEAR ARRAN, FLA..... 319
  NEAR SOPCHOPPY, FLA..... 276-277
SOUTH BRANCH ANCLOTE RIVER NEAR ODESSA, FLA..... 183
SOUTH CANAL NEAR VERO BEACH, FLA..... 103
SOUTHEAST FORK HOMOSASSA SPRINGS AT
        HOMOSASSA SPRINGS, FLA..... 204
SOUTH FORK BLACK CREEK NEAR CAMP BLANDING, FLA..... 86
  NEAR PENNEY FARMS, FLA..... 137
SOUTH PRONG ALAFIA RIVER NEAR LITHIA, FLA..... 190,317
SPARKMAN LAKE OUTLET NEAR MASARYTOWN, FLA..... 7
SPECIAL NETWORKS AND PROGRAMS..... 188-189
SPRING BAYOU AT TARPON SPRINGS, FLA..... 97
SPRUCE CREEK NEAR SAMSULA, FLA..... 6
STAGE DISCHARGE RELATION, DEFINITION OF..... 47
STARBUCK SPRINGS NEAR LONGWOOD, FLA..... 7
STATION NUMBERS..... 267
STEINHATCHEE RIVER NEAR CROSS CITY, FLA..... 169-170
SULPHUR SPRINGS AT SULPHUR SPRINGS, FLA.....
SUWANNEE RIVER AND AUCILLA RIVER, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 318
  GAGING-STATION RECORDS IN..... 267-271
SUWANNEE RIVER AND WITHLACOOCHEE RIVER, COASTAL
        AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORDS IN..... 318
  GAGING-STATION RECORDS IN..... 246-250

PAGE

SUWANNEE RIVER, AT BRANFORD, FLA..... 259-260
  AT ELLAVILLE, FLA..... 257-258
  AT SUWANNEE SPRINGS, FLA..... 254
  AT WHITE SPRINGS, FLA..... 252-253
  NEAR WILCOX, FLA..... 265-266
SUWANNEE RIVER BASIN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 318
  GAGING-STATION RECORDS IN..... 251-266
  MEASUREMENTS AT MISCELLANEOUS SITES IN..... 325
SWEETWATER BRANCH TRIBUTARY AT GAINESVILLE, FLA..... 314
SWEETWATER CREEK NEAR SULPHUR SPRINGS, FLA..... 174
  NEAR TAMPA, FLA..... 175
SWIFT CREEK AT FACIL, FLA..... 253
SWIFT CREEK NEAR LAKE BUTLER, FLA..... 318

TARPON, LAKE, SINK NEAR TARPON SPRINGS, FLA..... 179-180
TELOGIA CREEK, NEAR GREENSBORO, FLA..... 319
TENMILE CREEK AT LEBANON STATION, FLA..... 250
TERMS, DEFINITION OF..... 5-6
THOMAS CREEK NEAR CRAWFORD, FLA..... 25
TOMOKA RIVER NEAR HOLLY HILL, FLA..... 96
TROUT CREEK NEAR SULPHUR SPRINGS, FLA..... 160
  TRIBUTARY NEAR WORTHINGTON GARDENS, FLA..... 159,317
TROUT RIVER AT DINSMORE, FLA..... 315
TSALA APOPKA OUTFALL CANAL AT S-353, NEAR HERNANDO, FLA... 231-232
  BELOW S-353, NEAR HERNANDO, FLA..... 233
TURKEY CREEK AND COASTAL AREA SOUTH TO ST. LUCIE RIVER:
  GAGING-STATION RECORDS IN..... 99-107
TURKEY CREEK AND ST. JOHNS RIVER, COASTAL AREA BETWEEN:
  CREST-STAGE PARTIAL-RECORD STATIONS IN..... 315
  GAGING-STATION RECORDS IN..... 95-98
TURKEY CREEK AT MACCLENNY, FLA..... 313

WACCASSASSA RIVER, NEAR BRONSON, FLA..... 318
  NEAR GULF HAMMOCK, FLA..... 247-249
WACISSA RIVER NEAR WACISSA, FLA..... 273
WAKULLA SPRING NEAR CRAWFORDVILLE, FLA..... 275
WALLED SINK DRAIN NEAR COLEMAN, FLA..... 317
WEEKIWACHEE SPRINGS NEAR BROOKSVILLE, FLA..... 199
WEKIVA, LAKE, OUTLET NEAR MAITLAND, FLA..... 45
WEKIVA RIVER NEAR SANFORD, FLA..... 48
WEKIVA SPRINGS, NEAR APOPKA, FLA..... 44
  NEAR GULF HAMMOCK, FLA..... 246
WILLIAMSON CREEK AT CEDAR HILLS, FLA..... 315
WITHLACOOCHEE-HILLSBOROUGH OVERFLOW NEAR
        RICHLAND, FLA..... 212-213

PAGE

WITHLACOOCHEE RIVER AND HILLSBOROUGH RIVER, COASTAL AREA BETWEEN:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 317
GAGING-STATION RECORDS IN..... 171-209
WITHLACOOCHEE RIVER AND SUWANNEE RIVER, COASTAL AREA BETWEEN:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 318
GAGING-STATION RECORDS IN..... 246-250
WITHLACOOCHEE RIVER BASIN:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 317
GAGING-STATION RECORDS IN..... 210-245
MEASUREMENTS AT MISCELLANEOUS SITES IN..... 324
WITHLACOOCHEE RIVER, AT CROOM, FLA..... 255-256
ABOVE WYSONG DAM, AT CARLSON, FLA..... 223-224
AT CRACKERTOWN, FLA..... 228
AT DUNNELLON, FLA..... 244-245
AT INGLIS DAM, NEAR DUNNELLON, FLA..... 237
AT TRILBY, FLA..... 238
AT WYSONG DAM, AT CARLSON, FLA..... 215-216
BELOW INGLIS DAM, NEAR DUNNELLON, FLA..... 229-230
BYPASS CHANNEL BELOW STRUCTURE NEAR INGLIS, FLA..... 239
BYPASS CHANNEL NEAR INGLIS, FLA..... 243
NEAR CUMPRESSCO, FLA..... 241-242
NEAR DADE CITY, FLA..... 211
NEAR EVA, FLA..... 214
NEAR FLORAL CITY, FLA..... 210
NEAR HOLDER, FLA..... 225
WITHLACOOCHEE RIVER NEAR PINETTA, FLA..... 234-235
WOLF CREEK NEAR DEER PARK, FLA..... 32
WRD, DEFINITION OF..... 6
WSP, DEFINITION OF..... 6

YELLOW RIVER AND CHOCTAWHATCHEE RIVER, COASTAL AREA BETWEEN:
CREST-STAGE PARTIAL-RECORD STATIONS IN..... 321
GAGING-STATION RECORDS IN..... 297-299
MEASUREMENTS AT MISCELLANEOUS SITES IN..... 325
YELLOW RIVER AT MILLIGAN, FLA..... 300
YELLOW RIVER BASIN:
GAGING-STATION RECORDS IN..... 300-303
YELLOW WATER CREEK NEAR MAXVILLE, FLA..... 314

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey
Suite F-240
325 John Knox Road
Tallahassee, Florida 32303

POSTAGE AN
U.S. DEPARTMENT
INT

UNIVERSITY OF ILLINOIS-URBANA
551.483UN32WF C001
WATER RESOURCES DATA FOR FLORIDA$TALLAHA
1973/74 PT. V.1
3 0112 007579656

UNIVERSITY OF ILLINOIS LIBRARY
DOCUMENTS DIVISION
URBANA, ILLINOIS 61801
AL1